CATALOGUE 2012

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ABtUS Singapore PTE LTD

D.

Expert

in Video Signal Management

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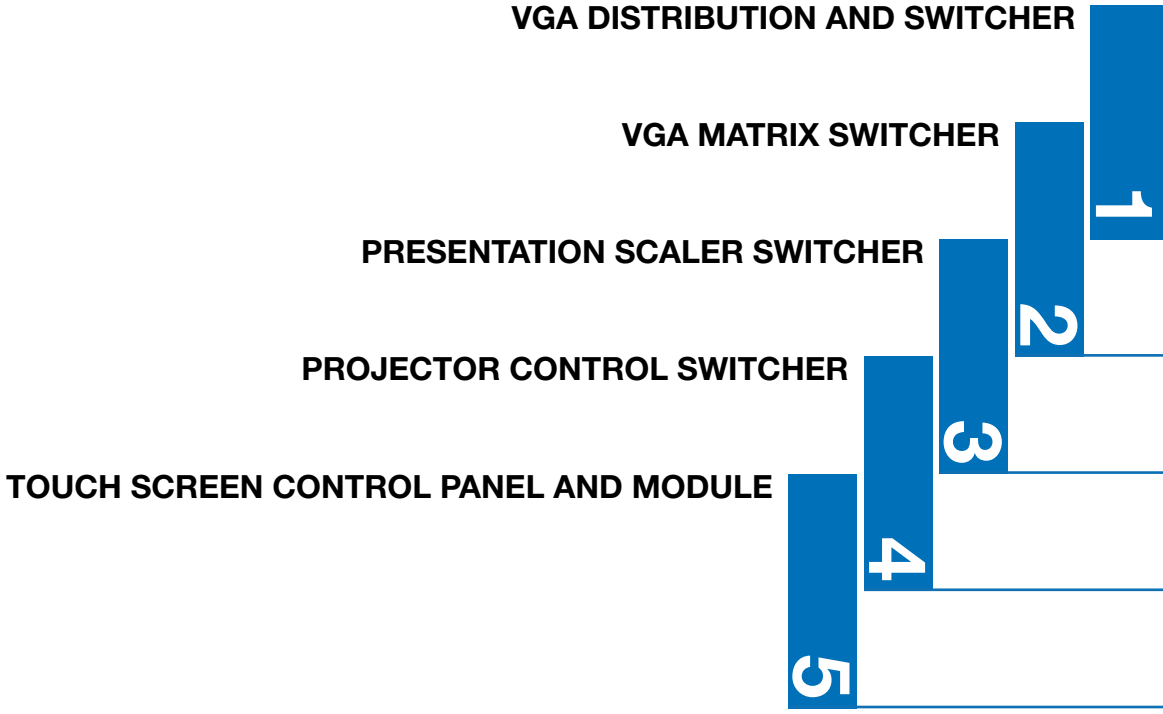
CATEGORIES



NOTES

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D. 1

VGA DISTRIBUTION AND SWITCHER

AVA-GA12N/A2

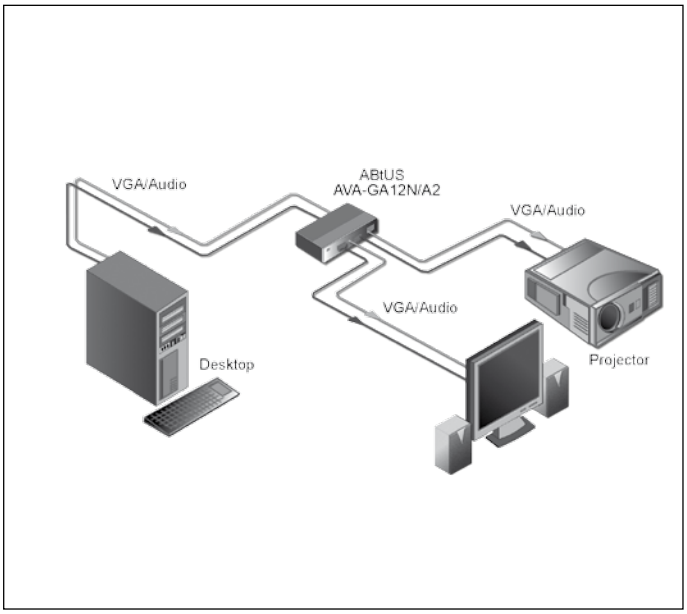
1x2 VGA AND AUDIO SPLITTER

Applications:

The AVA-GA12N/A2 is a high quality 1X2 VGA and Audio Distribution Amplifier specially catered for professional AV system integrators which require high reliable performance in their installations. The AVA-GA12N/A2 is specially designed to support a VGA cable run of up to 90m in a typical application. Simply connect it to your computer and your display devices such as projectors, Plasma and LCD monitors. Audio capability permits as well to remote the sound of the source towards two active loudspeakers system and/or audio amplifiers.

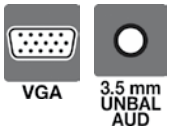
Features:

- High bandwidth of 300 MHz
- Ideal for presentation systems requiring a local monitor and one remote destination.
- Compatible with HDTV component signals Y,Pb,Pr
- Compatible with all monitors, projectors and HDTVs.



TECHNICAL SPECIFICATIONS

INPUT	1 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
OUTPUT	2 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
BANDWIDTH	300 MHz
MAX RESOLUTION	WUXGA (max. cable length 10 m, 20 m for UXGA)
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	up to 5 m (*With a full 15 pin VGA Cable)
CABLE LENGTH (OUTPUT)	up to 90 m (*It depends on type of cable and resolution; with more than 20 m XGA is recommended)
AUDIO IN/OUT	Max +10 dBm
DIMENSIONS	300 x 112.4 x 44 mm
WEIGHT	620g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE	12V-DC, 500mA



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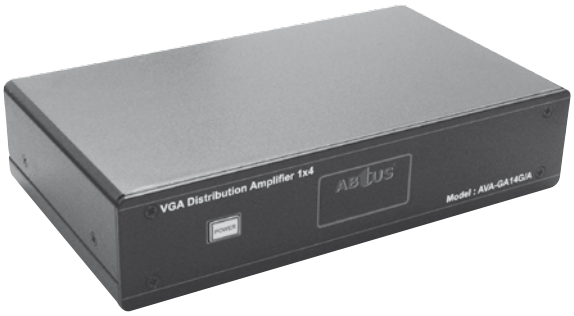
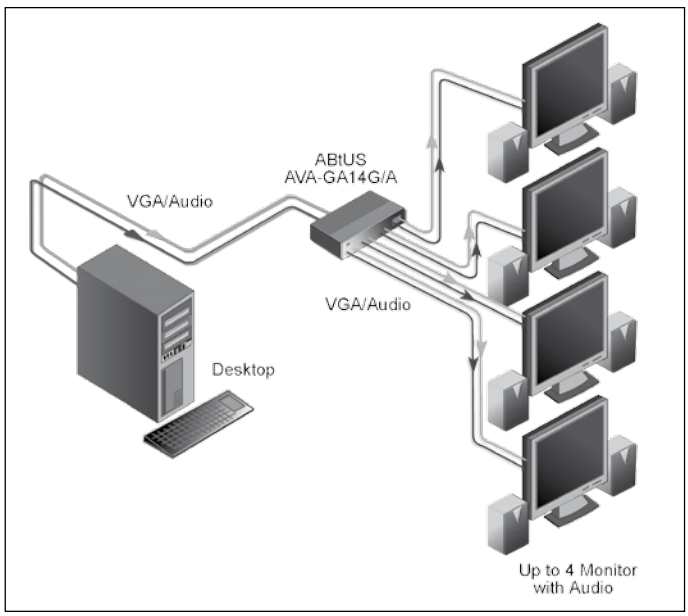


Applications:

The AVA-GA14G/A is a high quality 1X4 VGA and Audio Distribution Amplifier specially catered for professional AV system integrators which require high reliable performance in their installations. The AVA-GA14G/A is specially designed to support a VGA cable run of up to 90m in a typical application. Simply connect it to your computer and your display devices such as projectors, Plasma and LCD monitors. Audio capability permits as well to remote the sound of the source towards four active loudspeakers system and/or audio amplifiers.

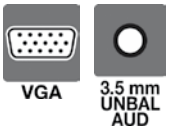
Features:

- High bandwidth of 300 MHz
- Ideal for presentation systems requiring a local monitor and one remote destination.
- Compatible with HDTV component signals Y,Pb,Pr
- Compatible with all monitors, projectors and HDTVs.



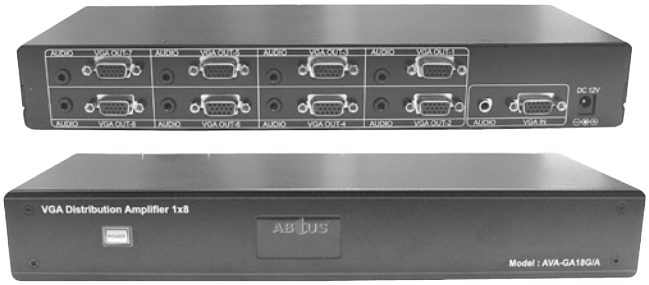
TECHNICAL SPECIFICATIONS

INPUT	1 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
OUTPUT	4 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
BANDWIDTH	300 MHz
MAX RESOLUTION	WUXGA (max. cable length 10 m, 30 m for UXGA)
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	up to 5 m (*With a full 15 pin VGA Cable)
CABLE LENGTH (OUTPUT)	up to 90 m (*It depends on type of cable and resolution; with more than 30 m XGA is recommended)
AUDIO IN/OUT	Max +12 dBm
DIMENSIONS	200 x 112.4 x 44 mm
WEIGHT	800g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE	12V-DC, 500mA



AVA-GA18G/A

1x8 VGA AND AUDIO SPLITTER

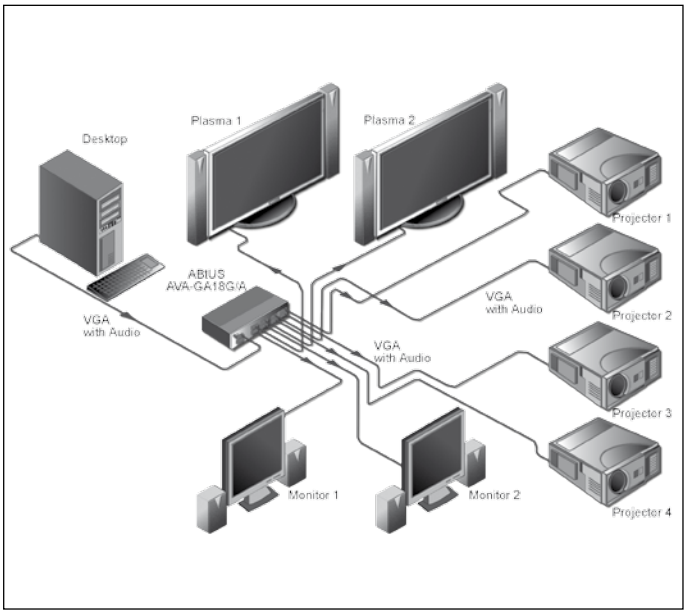


Applications:

The AVA-GA18G/A is a high quality 1X8 VGA and Audio Distribution Amplifier specially catered for professional AV system integrators which require high reliable performance in their installations. The AVA-GA14G/A is specially designed to support a VGA cable run of up to 90m in a typical application. Simply connect it to your computer and your display devices such as projectors, Plasma and LCD monitors. Audio capability permits as well to remote the sound of the source towards four active loudspeakers system and/or audio amplifiers.

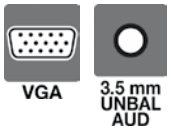
Features:

- High bandwidth of 300 MHz
- Ideal for presentation systems requiring a local monitor and one remote destination.
- Compatible with HDTV component signals Y,Pb,Pr
- Compatible with all monitors, projectors and HDTVs.



TECHNICAL SPECIFICATIONS

INPUT	1 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
OUTPUT	8 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
BANDWIDTH	300 MHz
MAX RESOLUTION	WUXGA (max. cable length 10 m, 30 m for UXGA)
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	up to 5 m (*With a full 15 pin VGA Cable)
CABLE LENGTH (OUTPUT)	up to 90 m (*It depends on type of cable and resolution; with more than 30 m XGA is recommended)
AUDIO IN/OUT	Max +12 dBm
DIMENSIONS	300 x 112.4 x 44 mm
WEIGHT	1200g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE	12V-DC, 500mA



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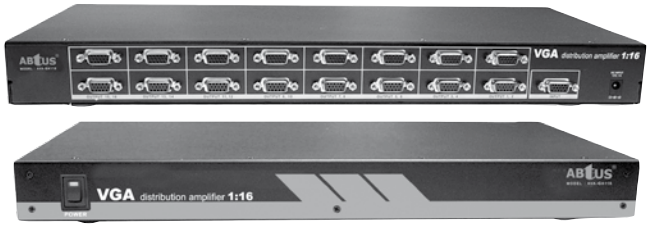
AVA-GA116G

1x16 VGA SPLITTER

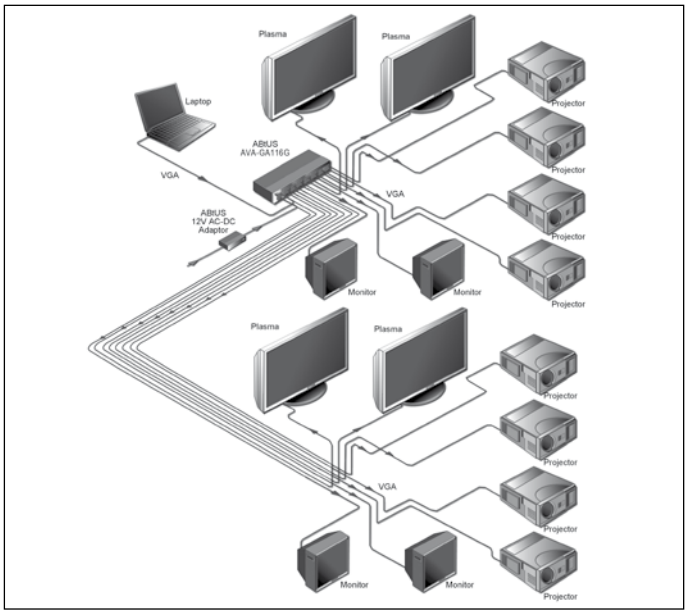


Applications:

The AVA-GA116G is a high quality 1X16 VGA specially catered for professional AV system integrators which require high reliable performance in their installations.
The AVA-GA14G/A is specially designed to support a VGA cable run of up to 90m in a typical application. Simply connect it to your computer and your display devices such as projectors, Plasma and LCD monitors. Audio capability permits as well to remote the sound of the source towards four active loudspeakers system and/or audio amplifiers.

Features:

- High bandwidth of 300 MHz
- Ideal for presentation systems requiring a local monitor and one remote destination.
- Compatible with HDTV component signals Y,Pb,Pr
- Compatible with all monitors, projectors and HDTVs.



TECHNICAL SPECIFICATIONS

INPUT	1 x VGA HDD 15 pin f.
OUTPUT	16 x VGA HDD 15 pin f.
BANDWIDTH	300 MHz
MAX RESOLUTION	WUXGA (max. cable length 30 m, 90 m for UXGA)
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	up to 5 m (*With a full 15 pin VGA Cable)
CABLE LENGTH (OUTPUT)	up to 90 m (*It depends on type of cable and resolution; max. UXGA is recommended)
DIMENSIONS	482.6 x 177.8 x 25.4 mm
WEIGHT	2.8kg. (6.2 lbs.) approx.
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 1.2 A
POWER SOURCE	12V-DC, 1.2 A

VGA

AVA-GA24G/AP

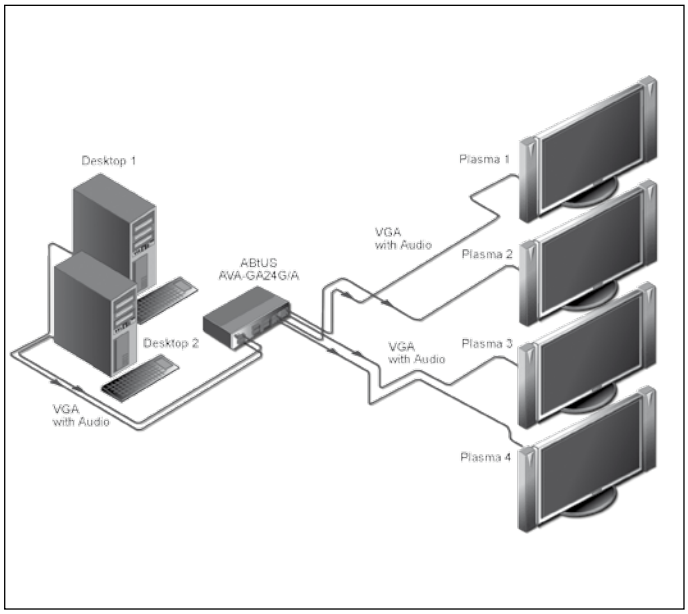
2 IN, QUAD OUT VGA AND AUDIO SWITCHER WITH RS232

Applications:

The product AVA-GA24G/AP is a 2X1 VGA and stereo Audio Switcher with quad out towards four destinations that will have the same signal. The AVA-GA24G/AP is specially designed to support a VGA cable run of up to 90m in a typical application. Audio capability permits as well to remote the sound of the source towards four active loudspeakers system and/or audio amplifiers.

Features:

- High bandwidth of 300 MHz
- Ideal for presentation systems requiring a local monitor and one remote destination.
- Compatible with HDTV component signals Y,Pb,Pr
- Compatible with all monitors, projectors and HDTVs.



TECHNICAL SPECIFICATIONS

INPUT	2 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
OUTPUT	4 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
BANDWIDTH	300 MHz
MAX RESOLUTION	WUXGA (max. cable length 10 m, 30 m for UXGA)
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	up to 5 m (*With a full 15 pin VGA Cable)
CABLE LENGTH (OUTPUT)	up to 90 m (*It depends on type of cable and resolution; with more than 30 m XGA is recommended)
AUDIO IN/OUT	Max +12 dBm
EXTERNAL COM PORT	RS232 4 pin Phoenix screw type connector.
DIMENSIONS	200 x 112.4 x 44 mm
WEIGHT	800g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE	12V-DC, 500mA

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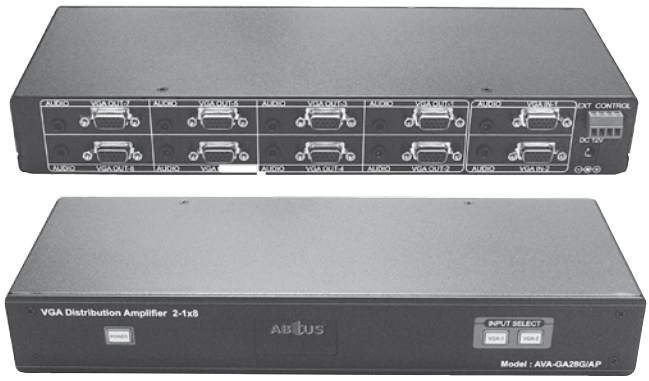
AVA-GA28G/AP

2 IN, OCTAL OUT VGA AND AUDIO SWITCHER WITH RS232

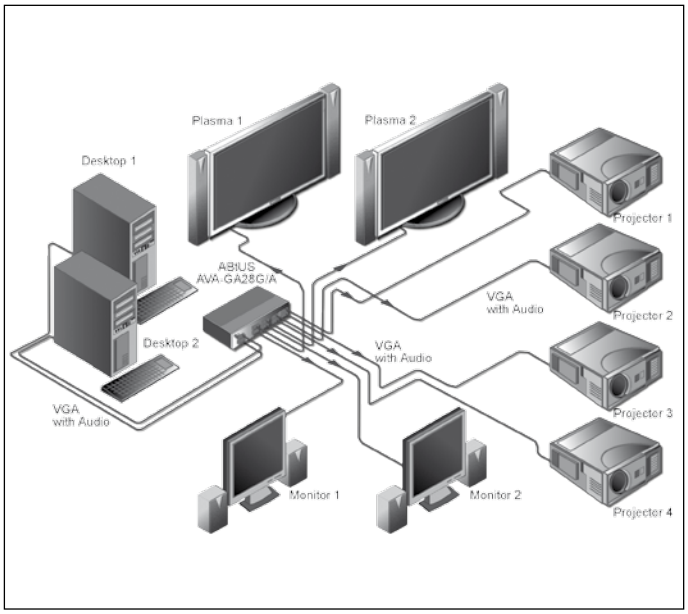


Applications:

The product AVA-GA28G/AP is a 2X1 VGA and stereo Audio Switcher with octal out towards eight destinations that will have the same signal. The AVA-GA28G/AP is specially designed to support a VGA cable run of up to 90m in a typical application. Audio capability permits as well to remote the sound of the selected source towards four active loudspeakers system and/ or audio amplifiers.

Features:

- High bandwidth of 300 MHz
- Ideal for presentation systems requiring a local monitor and one remote destination.
- Compatible with HDTV component signals Y,Pb,Pr
- Compatible with all monitors, projectors and HDTVs.



TECHNICAL SPECIFICATIONS

INPUT	2 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
OUTPUT	8 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
BANDWIDTH	300 MHz
MAX RESOLUTION	WUXGA (max. cable length 20 m, 30 m for UXGA)
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	up to 5 m (*With a full 15 pin VGA Cable)
CABLE LENGTH (OUTPUT)	up to 90 m (*It depends on type of cable and resolution; with more than 30 m XGA is recommended)
AUDIO IN/OUT	Max +12 dBm
EXTERNAL COM PORT	RS232 4 pin Phoenix screw type connector.
DIMENSIONS	200 x 112.4 x 44 mm
WEIGHT	800g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE	12V-DC, 500mA

AVS-GA82A/P

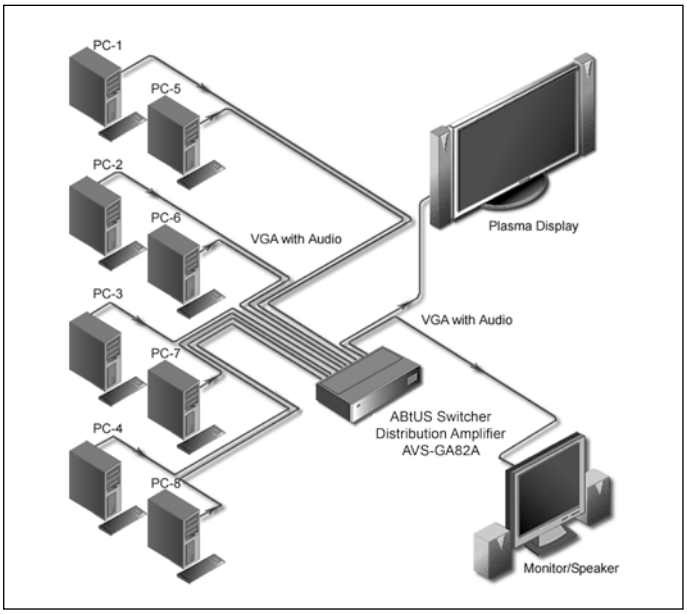
8 IN, DUAL OUT VGA AND AUDIO SWITCHER WITH RS232

Applications:

The AVS-GA82A/P is a 8X1 VGA and stereo Audio Switcher with twin out. Either one of the 8 input can be selected and split towards two destinations with no discernible signal degradation. The AVA-GA28G/AP is specially designed to support a VGA cable run of up to 90m in a typical application. Audio capability permits as well to remote the sound of the selected source towards two active loudspeakers system and/or audio amplifiers.

Features:

- High bandwidth of 300 MHz
- Ideal for presentation systems requiring a local monitor and one remote destination.
- Compatible with HDTV component signals Y,Pb,Pr
- Compatible with all monitors, projectors and HDTVs.



TECHNICAL SPECIFICATIONS

INPUT	8 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
OUTPUT	2 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
BANDWIDTH	300 MHz
MAX RESOLUTION	WUXGA (max. cable length 10 m)
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	up to 5 m (*With a full 15 pin VGA Cable)
CABLE LENGTH (OUTPUT)	up to 90 m (*It depends on type of cable and resolution; with more than 10 m XGA is recommended)
AUDIO IN/OUT	Max +12 dBm
EXTERNAL COM PORT	RS232 4 pin Phoenix screw type connector.
DIMENSIONS	310 x 112.4 x 44 mm
WEIGHT	1200g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE	12V-DC, 500mA

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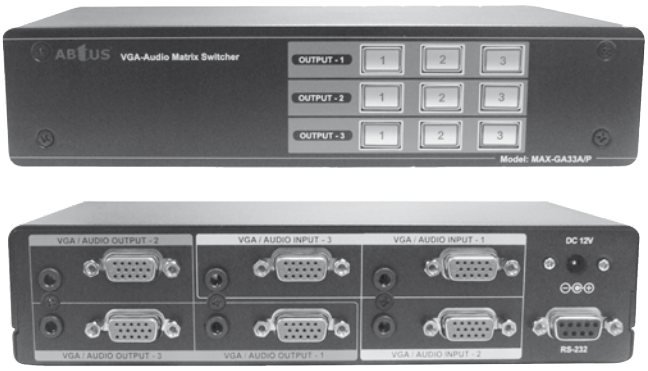
D. 2

VGA MATRIX SWITCHER

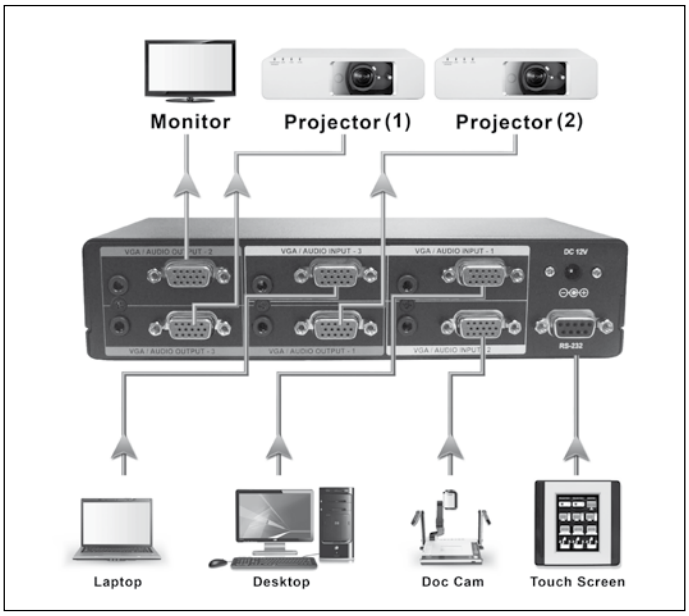

VGA-Audio Matrix Switcher
OUTPUT - 1
OUTPUT - 2
OUTPUT - 3
Model: MAX-GA33A/P
VGA / AUDIO OUTPUT - 2
VGA / AUDIO INPUT - 3
VGA / AUDIO INPUT - 1
DC 12V
VGA / AUDIO OUTPUT - 3
VGA / AUDIO OUTPUT - 1
VGA / AUDIO INPUT - 2
RS-232

Applications:

The MAX-GA33A/P is a 3X3 VGA and Audio matrix. It routes up to 3 VGA and Audio inputs towards 3 destinations therefore enabling the distribution of a VGA and Audio input to all destinations. So, any one of the inputs can be routed to any one or to all the outputs without introducing noticeable VGA or Audio quality distortion. The Matrix presents VGA video bandwidth up to 900MHz (RGB) which supports the transmission up to 50 m. The control of the matrix, equipped with RS232, with the integrated keypad or by an external touch control system, becomes versatile and easier.

Features:

- High bandwidth of 300 MHz
- Compatible with HDTV component signals Y,Pb,Pr
- Integrated keypad
- RS232 allows control from a central system.



TECHNICAL SPECIFICATIONS

INPUT	3 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
OUTPUT	3 x VGA HDD 15 pin f. and 3.5 mm mini audio jack
BANDWIDTH	300 MHz
MAX RESOLUTION	UXGA
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	1 to 3 m
CABLE LENGTH (OUTPUT)	1 to 50 m (*It depends on type of cable and resolution)
AUDIO IN/OUT	Max +12 dBm
EXTERNAL COM PORT	RS232 Sub-D 9p.f.
POWER SUPPLY	12V DC 1A
OPERATION TEMPERATURE	0~40°C [32~104°F]
STORAGE TEMPERATURE	20~60°C [-4~140°F]
RELATIVE HUMIDITY	20~90%RH [no condensation]
DIMENSIONS	200 x116 x 45.5mm
WEIGHT	800g

MAX-GA84/AP

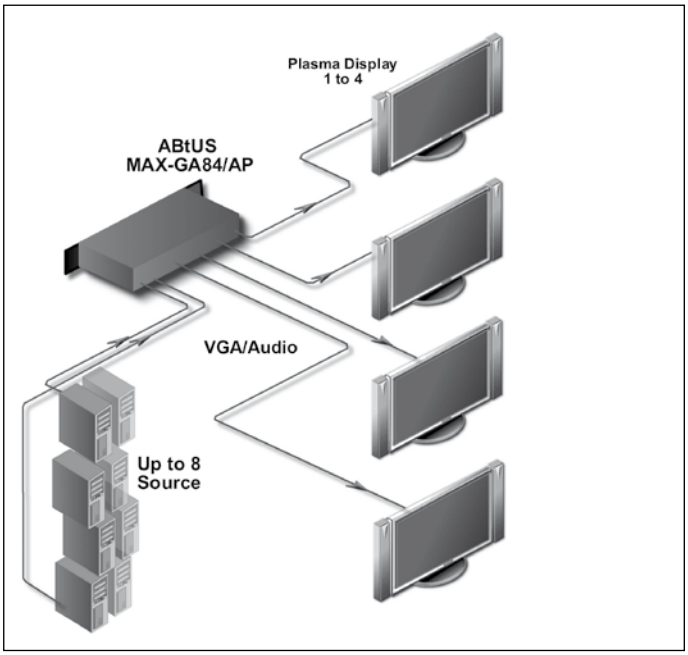
8x4 VGA AND AUDIO MATRIX

Applications:

The MAX-GA84A/P is a 8X4 VGA and balanced Audio matrix. It routes up to 8 VGA and Audio inputs towards 4 destinations therefore enabling the distribution of a VGA and Audio input to all destinations. So, any one of the inputs can be routed to any one or to all the outputs without introducing noticeable VGA or Audio quality distortion. The Matrix presents VGA video bandwidth up to 900MHz (RGB) which supports the transmission up to 50 m. The control of the matrix, equipped with RS232, with the integrated keypad or by an external touch control system, becomes versatile and easier.

Features:

- High bandwidth of 300 MHz
- Compatible with HDTV component signals Y,Pb,Pr
- Integrated keypad
- RS-232 allows control from a central system.

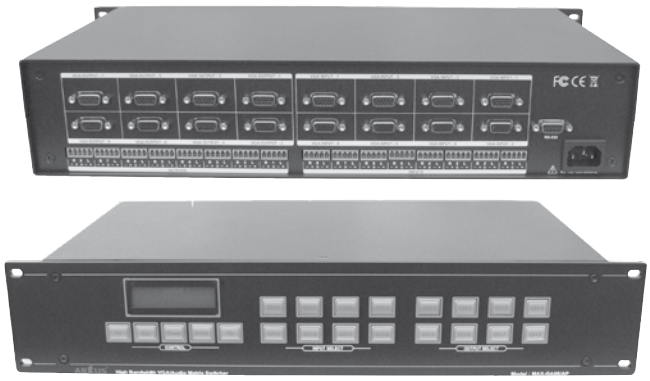


TECHNICAL SPECIFICATIONS

INPUT	8 x VGA HDD 15 pin f. and 8x5 pos. Phoenix screw type connectors for Audio
OUTPUT	4 x VGA HDD 15 pin f. and 8x5 pos. Phoenix screw type connectors for Audio
BANDWIDTH	300 MHz
MAX RESOLUTION	UXGA
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	1 to 3 m
CABLE LENGTH (OUTPUT)	1 to 50 m (*It depends on type of cable and resolution)
AUDIO IN/OUT	Max +12 dBm
EXTERNAL COM PORT	RS232 Sub-D 9p.f.
DIMENSIONS	430 x 240 x 44 mm
WEIGHT	1350g
ACCESSORIES	Power cord
POWER SOURCE	100 to 230 VAC, 50/60Hz

MAX-GA88/AP

8x8 VGA AND AUDIO MATRIX

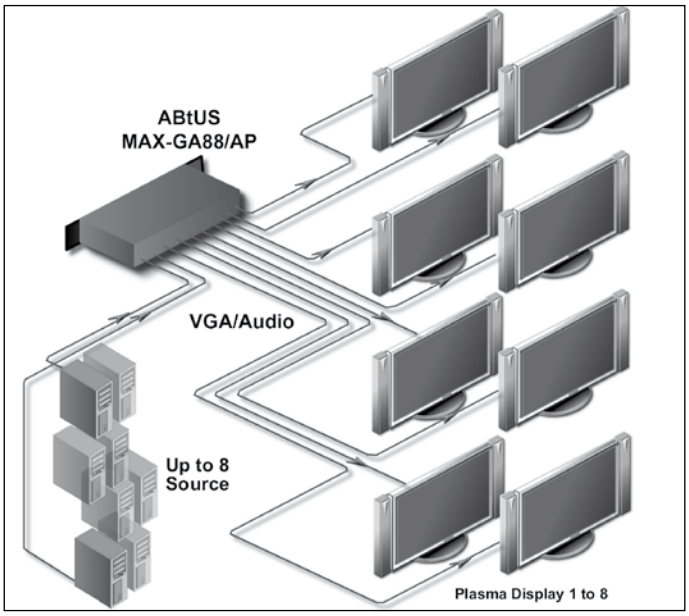


Applications:

The MAX-GA88A/P is a 8X8 VGA and balanced Audio matrix. It routes up to 8 VGA and Audio inputs towards 8 destinations therefore enabling the distribution of a VGA and Audio input to all destinations. So, any one of the inputs can be routed to any one or to all the outputs without introducing noticeable VGA or Audio quality distortion. The Matrix presents VGA video bandwidth up to 900MHz (RGB) which supports the transmission up to 50 m. The control of the matrix, equipped with RS232, with the integrated keypad or by an external touch control system, becomes versatile and easier.

Features:

- High bandwidth of 300 MHz
- Compatible with HDTV component signals Y,Pb,Pr
- Integrated keypad
- RS-232 allows control from a central system.



TECHNICAL SPECIFICATIONS

INPUT	8 x VGA HDD 15 pin f. and 8x5 pos. Phoenix screw type connectors for Audio
OUTPUT	8 x VGA HDD 15 pin f. and 8x5 pos. Phoenix screw type connectors for Audio
BANDWIDTH	300 MHz
MAX RESOLUTION	UXGA
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	1 to 3 m
CABLE LENGTH (OUTPUT)	1 to 50 m (*It depends on type of cable and resolution)
AUDIO IN/OUT	Max +12 dBm
EXTERNAL COM PORT	RS232 Sub-D 9p.f.
DIMENSIONS	430 x 240 x 44 mm
WEIGHT	1350g
ACCESSORIES	Power cord
POWER SOURCE	100 to 230 VAC, 50/60Hz

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MAX-RGB88/AP

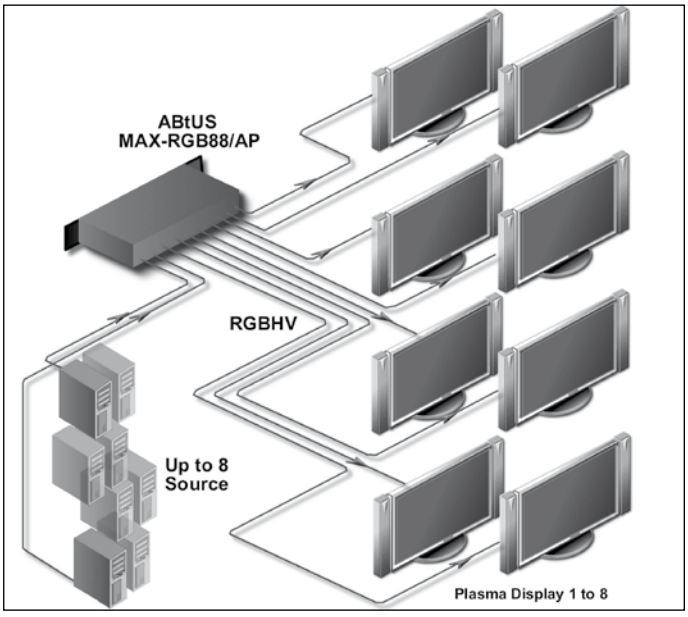
8x8 RGBHV AND AUDIO MATRIX

Applications:

The MAX-RGB88A/P is a 8X8 RGBHV and balanced Audio matrix. It routes up to 8 graphic signals and stereo Audio inputs towards 8 destinations therefore enabling the distribution of a RGBHV and Audio input to all destinations. So, any one of the inputs can be routed to any one or to all the outputs without introducing noticeable RGB or Audio quality distortion. The Matrix presents RGB bandwidth up to 900MHz which supports the transmission up to 50 m. The control of the matrix, equipped with RS232, with the integrated keypad or by an external touch control system, becomes versatile and easier.

Features:

- High bandwidth of 300 MHz
- Compatible with HDTV component signals Y,Pb,Pr
- Integrated keypad
- RS-232 allows control from a central system.



TECHNICAL SPECIFICATIONS

INPUT	8 x 5 BNC connector and 8x5 pos. Phoenix screw type connectors for Audio
OUTPUT	8 x 5 BNC connector and 8x5 pos. Phoenix screw type connectors for Audio
BANDWIDTH	300 MHz
MAX RESOLUTION	UXGA
SIGNAL TYPE	RGBHV or Y,Pb,Pr
CABLE LENGTH (INPUT)	1 to 3 m
CABLE LENGTH (OUTPUT)	1 to 50 m (*It depends on type of cable and resolution)
AUDIO IN/OUT	Max +12 dBm
EXTERNAL COM PORT	RS232 Sub-D 9p.f.
DIMENSIONS	430 x 240 x 130 mm
WEIGHT	1350g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
POWER SOURCE	100 to 230 VAC, 50/60Hz

NOTES

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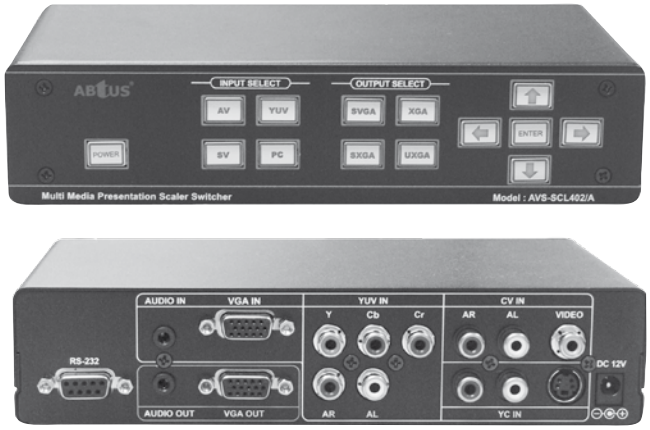
3

D. 3

PRESENTATION SCALER SWITCHER

AVS-SCL402/A

4 IN (1 PC), VGA OUT

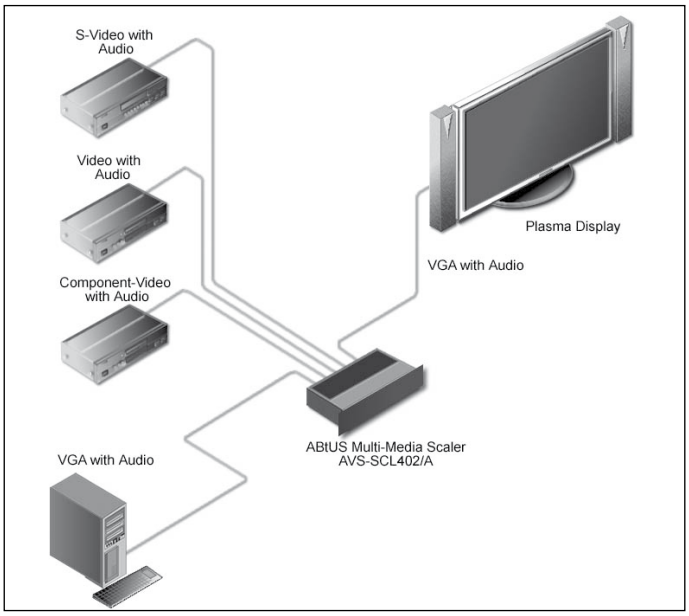


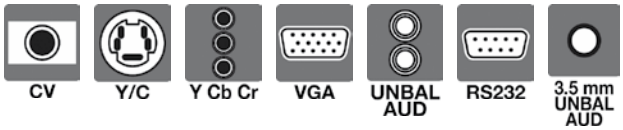
Applications:

The AVS-SCL402/A is Scaler that accepts up to 4 input signals with 4 different formats. It scales any CV or Y/C or YCbCr or computer graphics video signal in a 4 selectable graphics output resolutions. It can be commanded by RS232

Features:

- 3D Motion adaptive de-interlacing/interlacing.
- 3D Noise reduction (NTSC/PAL).
- 3D Comb filter (NTSC/PAL).
- Film-mode detection 2:2/3:2 pull down.
- Image capturing memory switching technology.
- Supports RS232 control interface.
- OSD full function control.





TECHNICAL SPECIFICATIONS

INPUTS	CV and Audio L/R - 3 x RCA Y/C and Audio L/R - 4p. mini-Din and 2 x RCA YCbCr and Audio L/R - 5 x RCA for VGA and Audio - HDD 15p.f. and 3.5mm jack (Note 1)
OUTPUTS	VGA and Audio - HDD 15p.f. and 3.5mm jack
OUT RESOLUTION	SVGA, XGA, SXGA, UXGA
VERTICAL RATE	60 Hz
CABLE LENGTH (INPUT)	up to 3 m
CABLE LENGTH (OUTPUT)	up to 10 m (*It depends on type of cable and resolution)
MAIN VOLUME	32 steps digital volume control
EXTERNAL COM PORT	RS232 Sub-D 9p.f.
DIMENSIONS	200 x 115 x 45mm
WEIGHT	800g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 3A

Note 1: VGA is pass through, hence No Scaling

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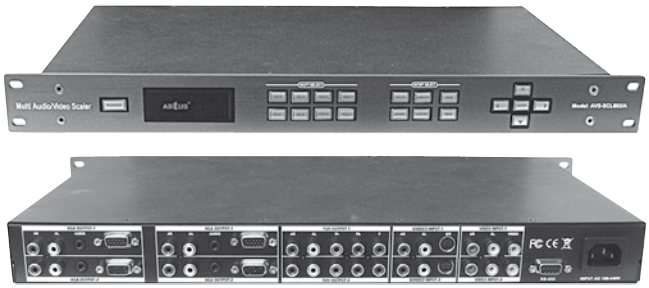
AVS-SCL802/A

8 IN (2 PC), TWIN VGA OUT

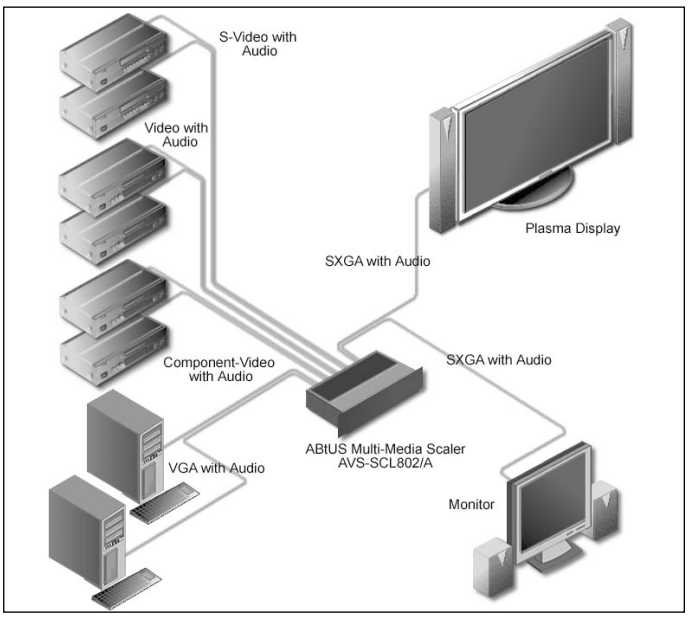


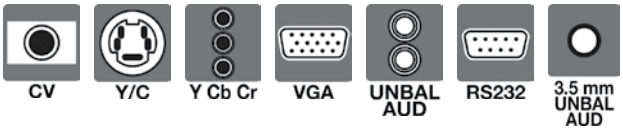
Applications:

The AVS-SCL802/A is Scaler that accepts up to 8 input signals with 4 different formats. It scales any CV or Y/C or YCbCr or computer graphics video signal in a 4 selectable graphics output resolutions and 2 different vertical rates. It can be commanded by RS232

Features:

- 3D Motion adaptive de-interlacing/interlacing.
- 3D Noise reduction (NTSC/PAL).
- 3D Comb filter (NTSC/PAL).
- Film-mode detection 2:2/3:2 pull down.
- Image capturing memory switching technology.
- Supports RS232 control interface.
- OSD full function control.





TECHNICAL SPECIFICATIONS

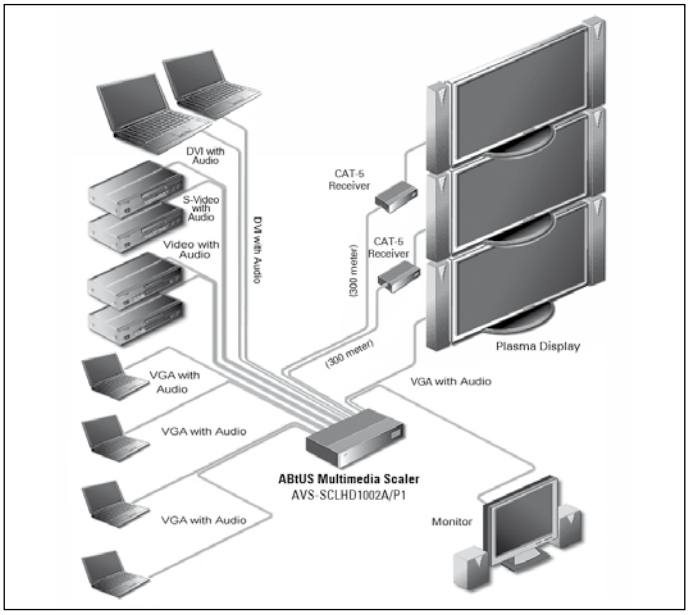
INPUTS	CV 1 and Audio L/R - 3 x RCA CV 2 and Audio L/R - 3 x RCA Y/C 1 and Audio L/R - 4p. mini-Din and 2 x RCA Y/C 2 and Audio L/R - 4p. mini-Din and 2 x RCA YCbCr 1 and Audio L/R - 5 x RCA YCbCr 2 and Audio L/R - 5 x RCA VGA 1 and Audio - HDD 15p.f. and 3.5mm jack VGA 2 and Audio - HDD 15p.f. and 3.5mm jack
OUTPUTS	Dual VGA and Audio – N°2 HDD 15p.f. and 3.5mm jack
OUT RESOLUTION	VGA, SVA, XGA, SXGA
VERTICAL RATE	60 Hz or 75 Hz
CABLE LENGTH (INPUT)	up to 3 m
CABLE LENGTH (OUTPUT)	up to 10 m (*It depends on type of cable and resolution)
MAIN VOLUME	32 steps digital volume control
EXTERNAL COM PORT	RS232 Sub-D 9p.f.
DIMENSIONS	430 x 240 x 44 mm
WEIGHT	1350g
ACCESSORIES	Power cord and Remote controller
POWER SOURCE	100 to 230 VAC, 50/60Hz

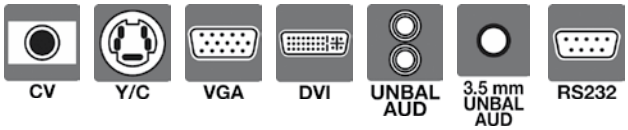
AVS-SCLHD1002/AP1

10 IN (4 PC, 2 DVI),TWIN VGA OUT

Applications:

The AVS-SCLHD1002/AP1 is Scaler that accepts up to 10 input signals with 4 different formats, DVI included. It scales any CV or Y/C or PC or DVI in a 12 selectable graphics output resolutions. It features PIP function. It can be commanded by RS232





Features:

- PIP Picture in Picture
- PAP Picture and Picture (commonly referred as PBP – Picture by Picture)
- 3D Motion adaptive de-interlacing/interlacing.
- 3D Noise reduction (NTSC/PAL).
- 3D Comb filter (NTSC/PAL).
- Film-mode detection 2:2/3:2 pull down.
- Image capturing memory switching technology.
- Supports RS232 control interface.
- OSD full function control.

TECHNICAL SPECIFICATIONS

INPUTS	CV 1 and Audio L/R - 3 x RCA
	CV 2 and Audio L/R - 3 x RCA
	Y/C 1 and Audio L/R - 4p. mini-Din and 2 x RCA
	Y/C 2 and Audio L/R - 4p. mini-Din and 2 x RCA
	VGA 1 and Audio - HDD 15p.f. and 3.5mm jack
	VGA 2 and Audio - HDD 15p.f. and 3.5mm jack
	VGA 3 and Audio - HDD 15p.f. and 3.5mm jack
	VGA 4 and Audio - HDD 15p.f. and 3.5mm jack
	DVI-D 1 and Audio- DVI and 3.5mm jack
	DVI-D 1 and Audio- DVI and 3.5mm jack
OUTPUTS	Dual VGA and Audio – N°2 HDD 15p.f. and 3.5mm jack
OUT PC RESOLUTION	SVGA, WXGA, 1024x1024, 1280x960, SXGA, 1366x768, 1366x1024, UXGA
OUT HDTV RESOLUTION	from 576p to 1080p
VERTICAL RATE	60 Hz
CABLE LENGTH (INPUT)	up to 3 m
CABLE LENGTH (OUTPUT)	up to 30 m (*It depends on type of cable and resolution)
MAIN VOLUME	32 steps digital volume control
EXTERNAL COM PORT	RS232 Sub-D 9p.f.
DIMENSIONS	200 x 115 x 45 mm
WEIGHT	800g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 3A
POWER SOURCE	100VAC-240VAC, 50/60Hz

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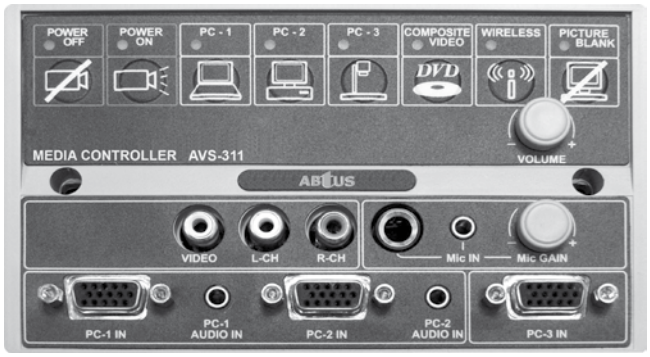
D. 4

PROJECTOR CONTROL SWITCHER

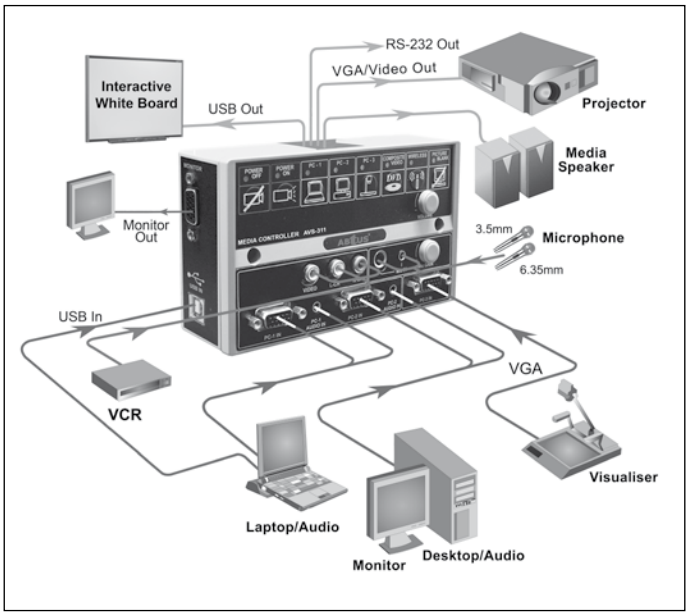


Applications:

The AVS-311 Media Control Panel is one of the most user and installer friendly Pre-Programmable Controllers that is specifically designed for an easy and central control of any AV projection system.
It removes the need for over-complicated and multiple remote control handsets

Features:

- Programmable projector protocol.
- Simple to use with one-to-one function controlled button with LED indication.
- Works well with any monitors, projectors and Interactive White Board.
- Supports 3 VGA input with resolutions from VGA to SXGA.
- Easy Installation with standard 2.54 mm connector and cabling.
- Integrated AV switcher and USB input/output)



TECHNICAL SPECIFICATIONS

INPUT	PC 2 and Audio - HDD 15p.f. and 3.5mm jack PC 3 - HDD 15p.f. CV and Audio L/R - 3 x RCA 1 x USB Type B by the Side 1 x Microphone 3.5mm jack 1 x Microphone 6.3mm jack)
OUTPUT	1 x VGA to Projector - Standard 2.54mm Connector 1 x VGA to Monitor - HDD 15p.f. by the Side CV - Standard 2.54mm connector Main Stereo Audio - Standard 2.54mm Connector 1 x USB - 2.54mm Screw Type Connector 1 x TX - Standard 2.54mm Connector
VGA BANDWIDTH	300 MHz
MAX RESOLUTION	1280 x 1024
ALL CABLE LENGTH	Up to 28 m
COM PORT	1 x RS-232 - 8 Data Bit, 1 Stop Bit, no parity
BAUD RATE	1200 to 115200
DELAY TIME	Projector “ON/OFF” delay time from 1 to 99 sec
CONTROL BUTTON	Number of user defined “Control Button” : 8 Available protocol for each “Control Button” : 1
LED	With LED & Buzzer for confirmation
VIDEO SELECTION	All Video/VGA Input Switching Digital
AUDIO SELECTION	Audio Input Switching Digital
VOLUME	Main Volume Control Analog
MIC GAIN	Microphone Input Gain Control Analog
POWER ADAPTOR	12V-DC, 500mA
DIMENSIONS	149 x 88 x 48 mm
WEIGHT	350g

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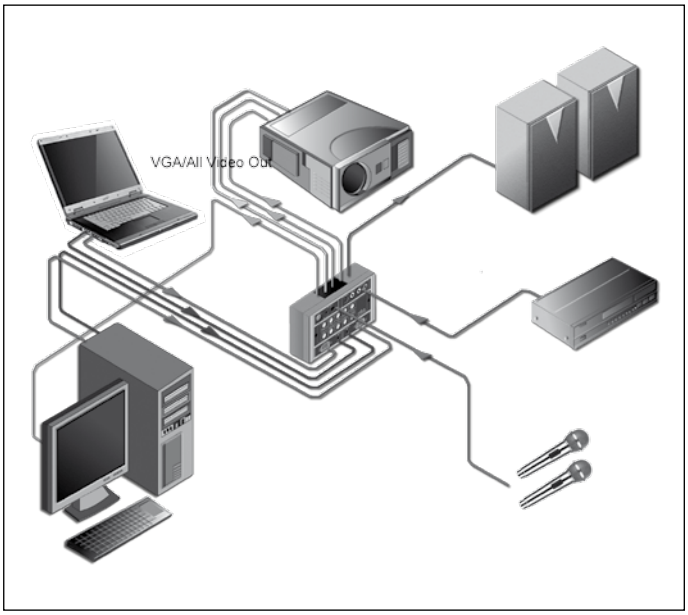
Applications:

The AVS-120/A is a projector controller that with its 10 customized buttons can easily control the projector's ON/OFF, input switching, volume control and other functions.

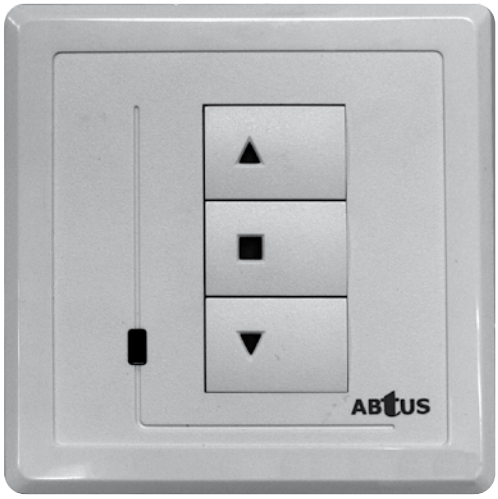
Features:

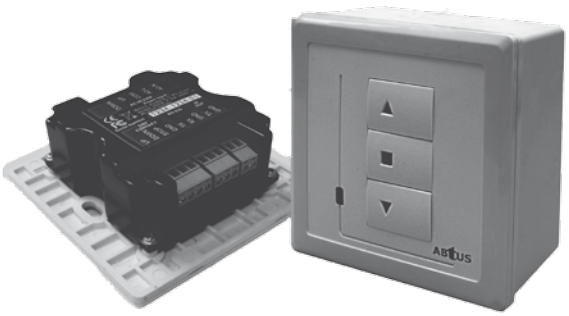
- Simple to use with one-to-one 10 function controlled buttons with backlit
- Electronic Volume control
- 16 different set of RS232 control protocol
- Timer delay for warm up and cool down time
- Build in Mic Amp. With Volume control
- Supports 2 VGA inputs with Dual outputs



TECHNICAL SPECIFICATIONS

INPUT	PC 1 and Audio - HDD 15p.f. and 3.5mm jack PC 2 and Audio - HDD 15p.f. and 3.5mm jack CV and Audio L/R - 3 x RCA Microphone – 6.3 mm jack Microphone – 3.5 mm jack
OUTPUT	2 x VGA – 2.54 mm connector 1 x CV – 2.54 mm connector 1 x Stereo Audio – 2.54 mm connector 1 x RS232 – 2.54 mm connector
VGA BANDWIDTH	300 MHz
MAX RESOLUTION	1280 x 1024
MIC. AMPLIFIER	Buld in with Volume level control
ALL CABLE LENGTH	Up to 28 m
CONTROL	RS232 protocol
SELECTABLE	Up to 16 different set of command protocol Baud rate 1200 to 15200 Parity: Non, Even or odd Stop bit: 1 or 2
DELAY TIMER	ON/OFF delay time from 1 to 99 sec.
CONTROL BUTTON	10 User defined control buttons 1 protocol for each button
LED	With LED & Buzzer for confirmation
VGA SELECTION	2 VGA input switching, Digital
AUDIO SELECTION	Audio input switching, Digital
VOLUME	Main Volume control, Digital
AUDIO MUTE	Muting control on main audio, Digital
DIMENSIONS	147x 86 x 41 mm
WEIGHT	250 g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 350mA VGA cable, HDD15p.m. to 2.54 mm connector, 15 m CV cable, RCA to 2.54 mm connector, 15 m Audio cable, 2 RCA to 2.54 mm connector, 15 m RS232 TX cable, Mini-Din 8 pin to 2.54 mm connector, 15 m



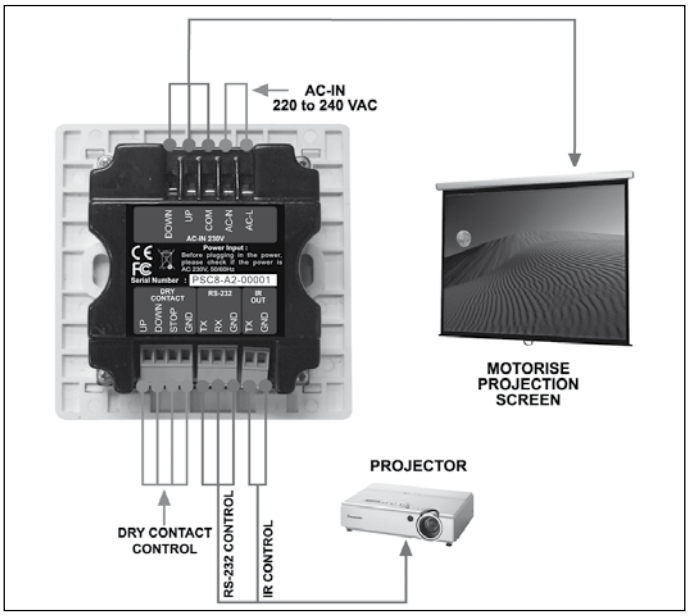


Applications:

AVS-SSR8/1 is a Universal IR Motorized Screen and Projector Controller.
It can easily be integrated into a Home Theater, Media Class Room, Meeting Room and more. It is also capable to integrate with any third party central control system. Simple integration with direct power control of 240 VAC 50Hz/60Hz.
The AVS-SSR8/1 is integrated with IR/RS-232 projector control capability in one single controller. With the programming software, projector control can be set easily. It is also integrated with a self-contain universal IR learning function enabling the switcher to be programmed to control any brand or model of projectors which can be found on the market.

Features:

- 2 in1 controller (Control motorized screen and projector).
- Programmable RS-232 for projector control.
- IR learning function for projector control (if RS-232 is not available).
- With “dry contact” control.

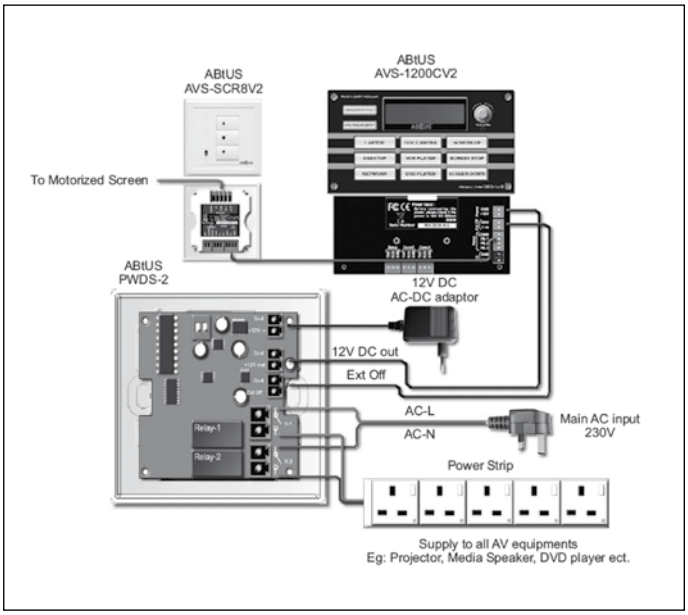


TECHNICAL SPECIFICATIONS

CONTROL	Hard button, IR Remote or Dry Contact Closure (Voltage Free)
I/O PORT	5 X 5.0mm Screw Type Connector
	(AC-N, AC-L, Common, Screen Up and Screen Down)
	1x4 port 3.8mm screw type terminal block (Dry contact control)
	1x3 port 3.8mm screw type terminal block (RS-232)
	1x2 port 3.8mm screw type terminal block (IR)
CURRENT RATING	MAX. Load 1.8A
DIMENSIONS	89mm X 89mm X 45mm
WEIGHT	130g
POWER SOURCE	220VAC to 240 VAC, 50/60 Hz
ACCESSORIES	1 x IR Remote Controller and 1x IR probe

Applications:

In a Multi media class room setup, integrated with a projector, media speaker, AV player and motorized screen (controlled by AVS-1200C/V2 and AVS-1200S/V2), the PWDS-2 device acts, by 2 relays, as a main AC power control switcher with an OFF delay for all these equipment. When the user switch OFF the main switch, the PWDS-2 triggers the central controller (AVS-1200C/V2) to turn all the rest of AV equipment to standby status and to retract the screen in home position. PWDS-2 module leaves a delay time till all equipments can cool down then turn OFF the mains. This to avoid damages to all AV equipments firstly about videoprojector.



TECHNICAL SPECIFICATIONS

CONTROL	Hard Button
I/O	2x2 pin 5.0 mm term. Block (2x Power Relais ON/OFF) 1x2 pin 3.8 mm term Block (12 VDC Power supply input) 1x2 pin 3.8 mm term Block (12 VDC Power supply output) 1x2 pin 3.8 mm term Block (External trigger ON/OFF)
POWER RELAIS	2
RELAY CURRENT RATING	10A 240 Vac
VARIABLE TIMING	120, 150, 180, 210 sec.
DIMENSIONS	89x89x45 mm
WEIGHT	120 g
POWER SOURCE	12 VDC
ACCESSORIES	12V 500 mA Power Adapter

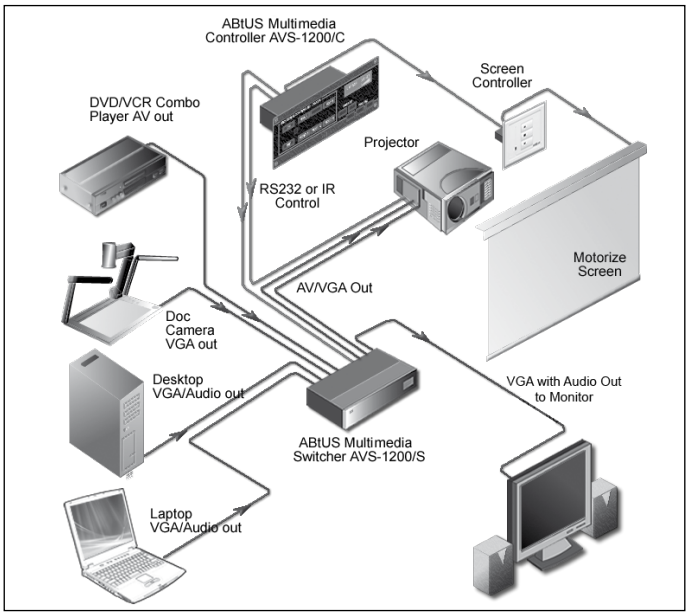
CONTACT ACTION

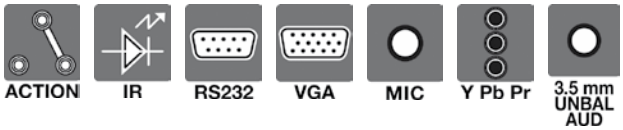
AVS-1200 Package

MEDIA CONTROLLER WITH MULTIMEDIA SWITCHER

Applications:

AVS-1200 Package is a kit consisting of AVS-1200C Controller and AVS-1200S Switcher.





Features:

- See AVS-1200C Controller and AVS-1200S Switcher

TECHNICAL SPECIFICATIONS

AVS-1200C	
CONFIGURATION	1 x RS-232
COM PORT	9600, 8 data bit, No Parity and 1 stop bit
CONFIGURABLE	2 x RS-232
COM PORT	Baud Rate 9600 to 115200, Parity Bit Non, Even or Odd
	2 x IR out
DIGITAL I/O	External control for screen relay
CONTROL BUTTON	Number of user defined "Control Button" x 11
	Available protocol for each "Control Button" x 2
LED / BUZZER	With LED & Buzzer for indication and confirmation
POWER ADAPTOR	12V-DC, 500mA
DIMENSIONS	195 x 86 x 30 mm
WEIGHT	350g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA
AVS-1200S	
INPUT	VGA 1 and Audio - HDD 15p.f. and 3.5mm jack VGA 2 and Audio - HDD 15p.f. and 3.5mm jack VGA 3 and Audio - HDD 15p.f. and 3.5mm jack CV or YPbPr and Audio L/R - 5 x RCA 1 x Microphone 3.5mm jack 1 x Microphone 6.3mm jack)
OUTPUT	VGA 1 - HDD 15p.f. VGA 2 - HDD 15p.f. Main Stereo Audio 2 x RCA and 3.5mm jack CV or YPbPr - 3 x RCA
VGA BANDWIDTH	300 MHz
MAX RESOLUTION	1280 x 1024
ALL CABLE LENGTH	Up to 28 m
CONTROL	1 x RS-232 - 8 Data Bit, 1 Stop Bit, no parity
BAUD RATE	9600
LED	With LED for power indication
VIDEO SELECTION	All Video/VGA Input Switching Digital
AUDIO SELECTION	Audio Input Switching Digital
VOLUME	Main Volume Control Digital
MIC GAIN	Microphone Input Gain Control Default
DIMENSIONS	235 x 125 x 30 mm
WEIGHT	400g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA

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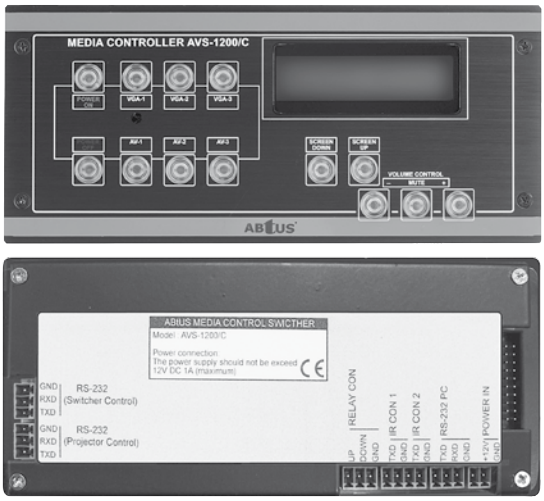
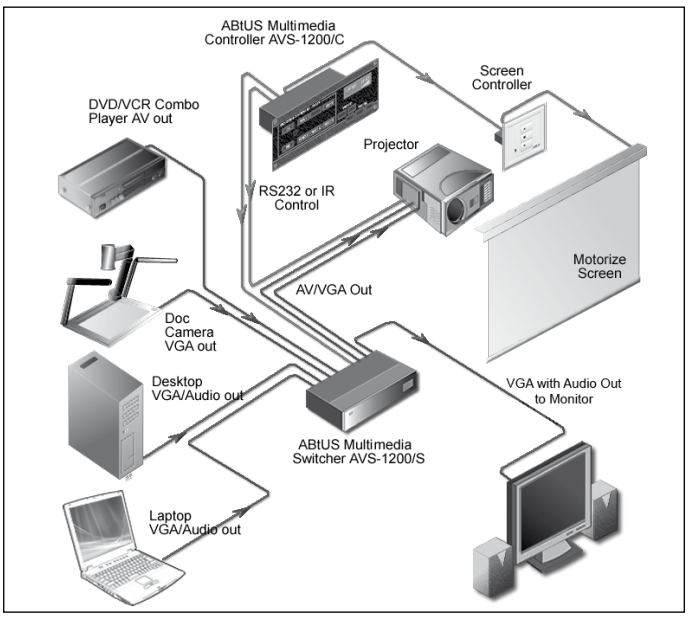


Applications:

The AVS-1200/C is a high performance User Programmable Multimedia Controller designed for any small Multimedia Class Room or boardroom application. With its simple integration and user friendly functions, the AVS-1200C can be easily integrated and acts as an extended central media control unit. Its functions include a universal projector control which controls a projector's on/off power, Input switching, and volume control via RS-232 and/or IR control.
The AVS-1200C can also be configured for motorized screens or room's lighting control. Matched with AVS-1200S it makes the AVS-1200 Package.

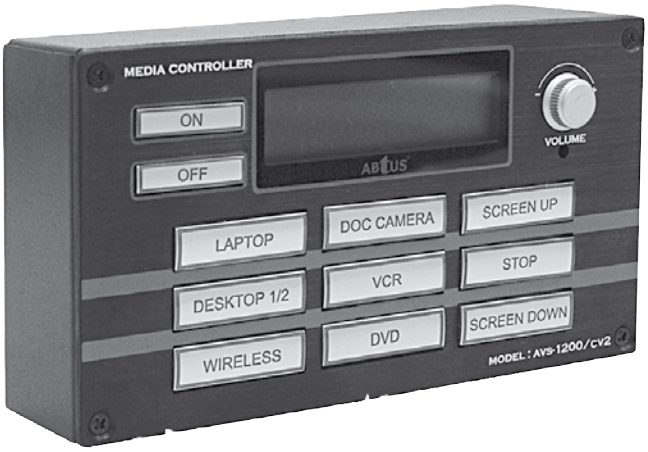


Features:

- "User Programmable" comes with user friendly UI application software
- Universal projector/display panel control by IR or user defined RS-232 commands.
- Room control with two configurable relays
- IR learning (IRMCs) enables customized IR control of projector when RS-232 control is not available.
- Input selection with buttons that can be customized with labels and backlit
- Timer clock power shut-down to preserve energy and extend projector lamp life.
- LCM Display with Clock and I/O indication.
- Volume control for projector or any media speaker.

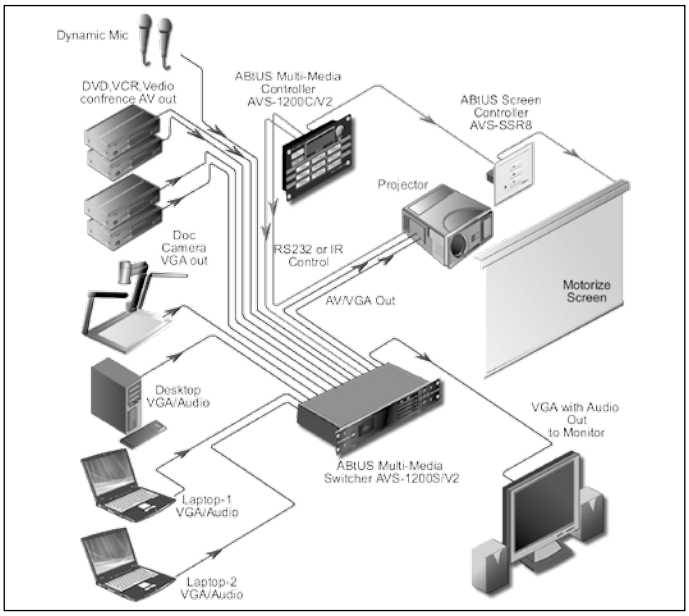
TECHNICAL SPECIFICATIONS

CONFIGURATION	1 x RS-232
COM PORT	9600, 8 data bit, No Parity and 1 stop bit
CONFIGURABLE	2 x RS-232
COM PORT	Baud Rate 9600 to 115200, Parity Bit Non, Even or Odd
	2 x IR out
DIGITAL I/O	External control for screen relay
CONTROL BUTTON	Number of user defined "Control Button" x 11
	Available protocol for each "Control Button" x 2
LED / BUZZER	With LED & Buzzer for indication and confirmation
POWER ADAPTOR	12V-DC, 500mA
DIMENSIONS	195 x 86 x 30 mm
WEIGHT	350g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA



Applications:

The AVS-1200/CV2 is a high performance User Programmable Multimedia Controller designed for any small Multimedia Class Room or boardroom application. With its simple integration and user friendly functions, the AVS-1200CV2 can be easily integrated and acts as an extended central media control unit. Its functions include a universal projector control which controls a projector's on/off power, Input switching, and volume control via RS-232 and/or IR control. The AVS-1200CV2 can also be configured for motorized screens or room's lighting control.

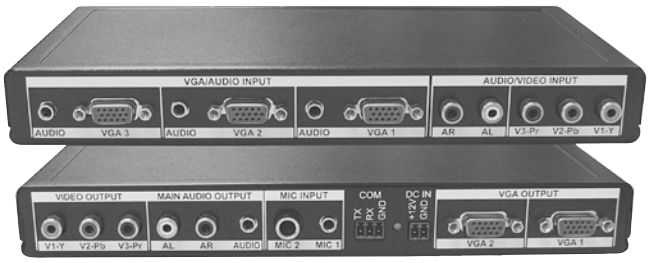


Features:

- "User Programmable" comes with user friendly UI application software
- User changeable button label/text that can be changed according to requirement
- Universal projector/display panel control by IR or user-defined RS-232 commands.
- Room control with three configurable relays
- IR learning (IRMCs) enables customized IR control of projector when RS-232 control is not available.
- Input selection with buttons that can be customized with labels and backlit
- Timer clock power shut-down to preserve energy and extend projector lamp life.
- LCM Display with Clock and I/O indication.
- External Power Off control for remote monitoring and control.

TECHNICAL SPECIFICATIONS

CONFIGURATION	1 x RS-232
COM PORT	Baud Rate 9600 to 115200, Parity Bit Non, Even or Odd and 2 x IR out
CONFIGURABLE	2 x RS-232 8 Data Bit and 1 Stop Bit
COM PORT	Baud Rate 9600 to 115200, Parity Bit Non, Even or Odd 2 x IR out 1 x External Power Off control
DIGITAL I/O	3 x External for controlling screen relay controller
CONTROL BUTTON:	Number of user defined "Control Button" x 11 Available protocol for each "Control Button" x 2
LED / BUZZER	With LED & Buzzer for indication and confirmation
POWER ADAPTOR	12V-DC, 500mA
DIMENSIONS	156 x 86 x 42 mm
WEIGHT	350g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA

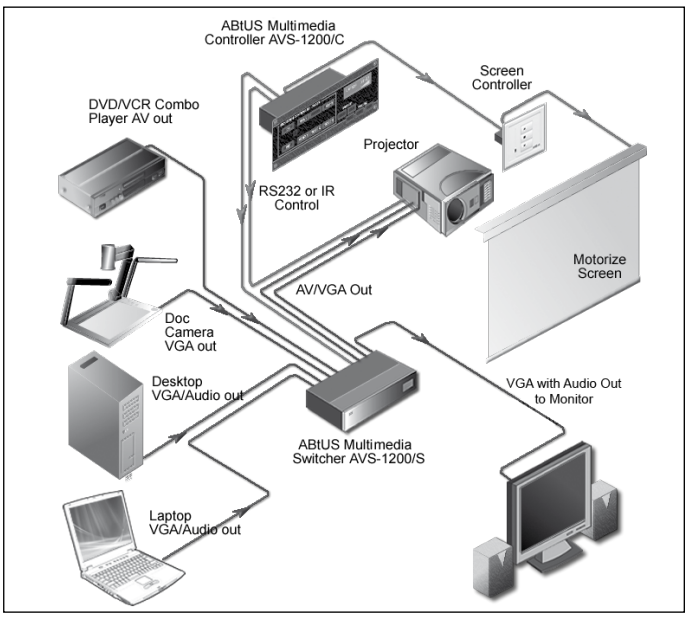


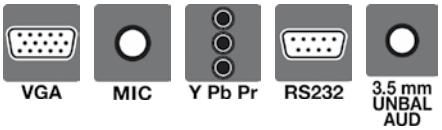
Applications:

The AVS-1200/S is a high performance Multimedia Switcher designed for any small & medium multimedia classroom or boardroom application. It can also be configured together with the AVS-1200C as the Multimedia Controller Switcher.

Features:

- RS-232 Control
- Easy installation with standard AV I/O connector and cabling.
- Supports 3 VGA up to SXGA and CV or YPbPr .
- Supports Microphone Input



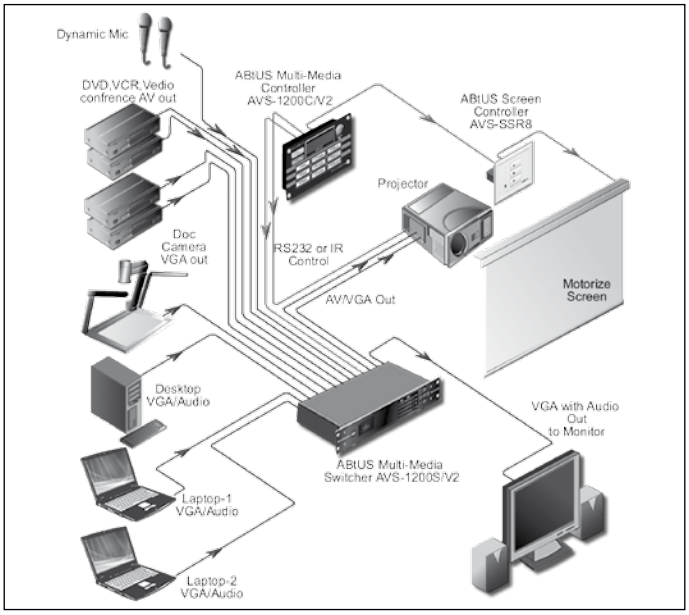


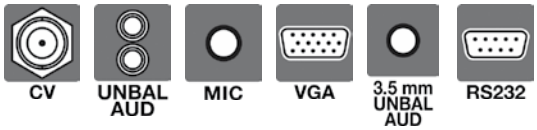
TECHNICAL SPECIFICATIONS

INPUT	VGA 1 and Audio - HDD 15p.f. and 3.5mm jack	
	VGA 2 and Audio - HDD 15p.f. and 3.5mm jack	
	VGA 3 and Audio - HDD 15p.f. and 3.5mm jack	
	CV or YPbPr and Audio L/R - 5 x RCA	
	1 x Microphone 3.5mm jack	
	1 x Microphone 6.3mm jack)	
OUTPUT	VGA 1 - HDD 15p.f.	
	VGA 2 - HDD 15p.f.	
	Main Stereo Audio 2 x RCA and 3.5mm jack	
	CV or YPbPr - 3 x RCA	
VGA BANDWIDTH	300 MHz	
MAX RESOLUTION	1280 x 1024	
ALL CABLE LENGTH	Up to 28 m	
CONTROL	1 x RS-232 - 8 Data Bit, 1 Stop Bit, no parity	
BAUD RATE	9600	
LED	With LED for power indication	
VIDEO SELECTION	All Video/VGA Input Switching	Digital
AUDIO SELECTION	Audio Input Switching Digital	
VOLUME	Main Volume Control Digital	
MIC GAIN	Microphone Input Gain Control	Default
DIMENSIONS	235 x 125 x 30 mm	
WEIGHT	400g	
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 500mA	

Applications:

The AVS-1200/SV2 is a high performance Multimedia Switcher designed for any small & medium multimedia classroom or boardroom application.
It can also be configured together with the AVS-1200CV2 as the Multimedia Controller Switcher.





Features:

- RS-232 Control
- Easy installation with standard AV I/O connector and cabling.
- Supports 4 VGA up to SXGA and 4 CV
- Supports Microphone Input

TECHNICAL SPECIFICATIONS

INPUT	VGA 1 and Audio - HDD 15p.f. and 3.5mm jack VGA 2 and Audio - HDD 15p.f. and 3.5mm jack VGA 3 and Audio - HDD 15p.f. and 3.5mm jack VGA 4 and Audio - HDD 15p.f. and 3.5mm jack 4 CV and Audio L/R - 4 BNC and 8 x RCA 2 x Microphone 6.3mm jack
OUTPUT	VGA 1 - HDD 15p.f. VGA 2 - HDD 15p.f. (Follows Input VGA 4) 2 Stereo Audio - 4 x RCA and 2 x 3.5mm jack 2 CV - 2 x BNC
VGA BANDWIDTH	300 MHz
MAX RESOLUTION	1280 x 1024
ALL CABLE LENGTH	Up to 28 m
CONTROL	1 x RS-232 - 8 Data Bit, 1 Stop Bit, no parity
BAUD RATE	9600
LED	With LED for power indication
VIDEO SELECTION	All Video/VGA Input Switching Digital
AUDIO SELECTION	Audio Input Switching Digital
VOLUME	Main Volume Control Digital
MIC GAIN	Microphone Input Gain Control Digital
CONTROL	Front Panel and RS-232
DIMENSIONS	235 x 125 x 30 mm
WEIGHT	2.85 kg
ACCESSORIES	AC Cord
POWER SOURCE	100 to 230 VAC, 50/60Hz

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SPS-866B

ACTIVE SPEAKERS 20+20 W

TECHNICAL SPECIFICATIONS

OUTPUT POWER	20W + 20W (RMS)
SPEAKER UNIT	Tweeter : 1.5” (shielded); Dual woofer : 5” (shielded)
IMPEDANCE	4 Ohm
FREQUENCY RESPONSE	Amplifier : 20Hz to 20KHz
	Speaker : 30Hz to 18KHz
INPUT PORT	2 x RCA
TREBLE ADJUST	+ 10dB
BASS ADJUST	+ 10dB
SEPARATION	> 45 dB
S/N RATIO	> 75 dB
DIMENSIONS	166 x 233 x 335 mm
WEIGHT	7.6 kg
POWER SUPPLY	AC 220V 50/60Hz
ACCESSORY	1x Speaker connection cable and 1x 2RCA cable

Applications:

SPS-866B is an active couple of loudspeaker suited for sound diffusion in presentation rooms.

Features:

- Two ways system
- Volume, Bass, Treble front adjustment
- 240 Vac Mains

SPS-A020A1

2 WAY ACTIVE SPEAKERS 20+20 W

TECHNICAL SPECIFICATIONS

OUTPUT POWER	20W + 20W (RMS)
FREQUENCY RANGE	80Hz-20kHz
IMPEDANCE	4 Ohm
SENSITIVIY	89dB
WOOFERS	6 1/2” Polypropylene
TWEETERS	1” silk dome
DIMENSIONS(HWD)	288 x 215 x 180 mm

Applications:

SPS-866B is an active couple of loudspeaker suited for sound diffusion in presentation rooms.

Features:

- Suited for professional application
- Two ways system
- Volume, Bass, Treble rear adjustment
- 240 Vac Mains

NOTES

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D. 5

TOUCH SCREEN CONTROL PANEL AND MODULE

A934-012C-044

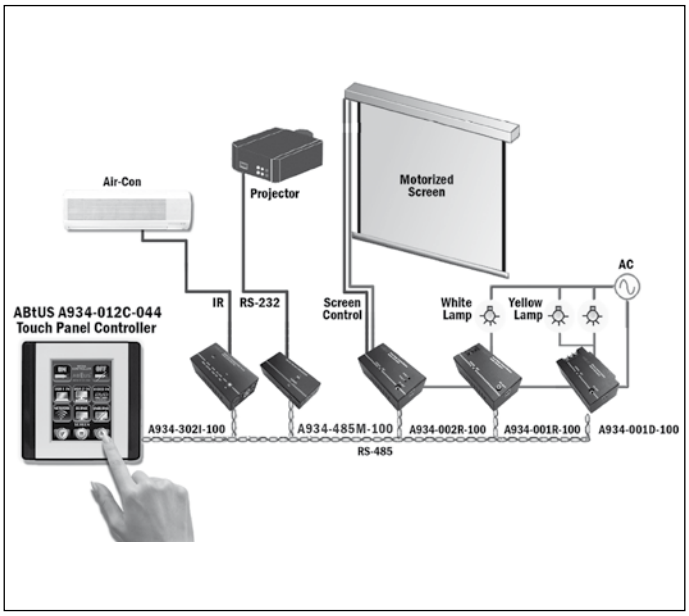
12 KEYS TOUCH SCREEN CONTROL PANEL

Applications:

The A934-012C-044 touch control panel uses a standard 4-wire resistive touch panel, which allows up to a total of 32 command codes with complete user programmable software. It comes with a user friendly software which allows customized programming such as macros setting, feedback events, control commands, etc. Another feature is the panel button layout and design, which can be easily customized and print out accordingly with icons or clear text buttons.

Features:

- Feature with automatic backlight fade out.
- Macro definitions setting can be assigned for every single button up to 16 difference orders.
- Default 3x4 matrix of 12 touch buttons.
- With RS-232 or RS-485 selectable communication standard.
- Ultra low power consumption.



TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	12V-DC, 350mA
STANDBY CURRENT	35 mA
OPERATION CURRENT	65 mA
BACK LIGHT	With LED for black light
COMMUNICATION	RS-232 or RS485
COM PORT	7 or 8 Data Bit and 1 or 2 Stop Bit Baud Rate 9600 to 38400 Parity Bit: Non, Even or Odd
BUTTONS	12
TOTAL NUMBER OF COMMANDS	32
DIMENSIONS	75 x 118 x 31.2 mm
WEIGHT	75g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 350mA 1 x 2 pin terminal block 1 x 3pin terminal block

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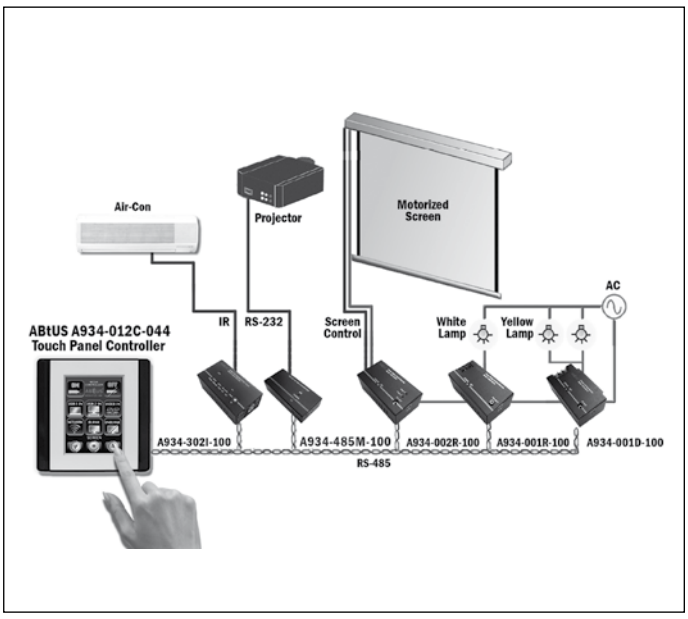
Applications:

The A934-485M-100 is a RS232 / RS485 two way converter. With its small size design, long transmitting distance and stability characteristics, it can be installed in many application mainly where the distance is too long for RS232 and RS485 may be the right choice.

Features:

- Requires only the use of RS232 the RXD, TXD, GND signal line.
- Automatically converts RS232 to RS485 with zero delay.
- RS232 communications distance can be extended up to 120m using a twisted-pair shielded cable.
- With RXD, TXD, Power LED Indicator.
- Supports multi-point communications with RS485.

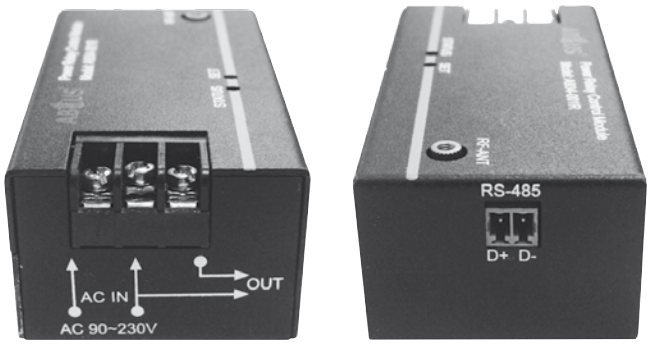


TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	12V-DC, 350mA
LED INDICATION	RXD, TXD and Power LED
COMMUNICATION STD.	RS-232 to RS485 or RS-485 to RS-232
COM PORT	1 x RS-232 and 1x RS-485
DISTANCE	120 m using a twisted-pair shielded cable
OPERATION CURRENT	65 mA
DIMENSIONS	40 x 80 x 25 mm
WEIGHT	110g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 350mA
	2 x 2 Pin terminal block
	1 x 3 Pin terminal block

A934-001R-100

SINGLE RELAY POWER CONTROL

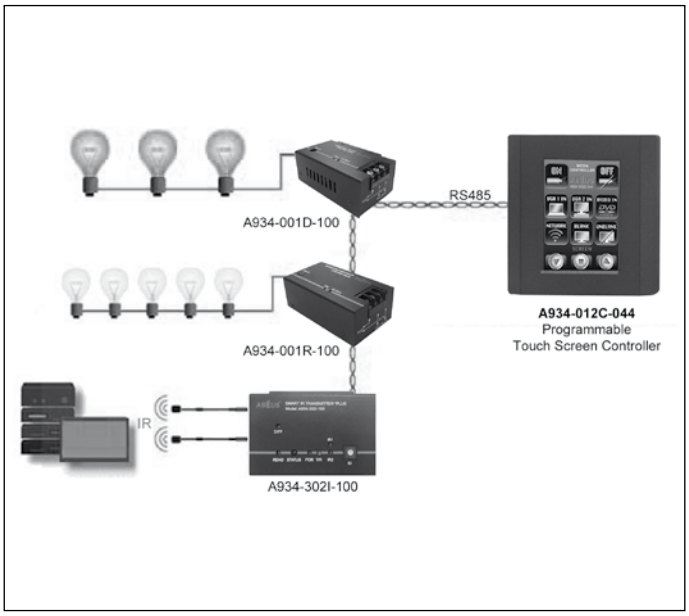


Applications:

The A934-001R-100 is a single relay control module that is able to perform any electrical mains switch towards the load.

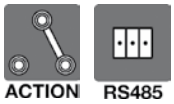
Features:

- Built-in an auto switching power supply 90-240 Vac.
- RS-485 communication protocol compatible with any central control.
- Built-in high sensitivity wireless modules, simplifying the complicated wiring project.
- Delay off feature.



TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-240 Vac
LED INDICATION	Status and Set LED
COMMUNICATION	RS485
NUMBER OF ID SETTING	32 ID
FUSES	Precision ceramic fuses
POWER RATING	400 Watt
RELAY CURRENT RATING	Max 1.5A @ 230V
DIMENSIONS	40 x 80 x 25 mm
WEIGHT	170g
ACCESSORIES	1 x 2 Pin terminal block



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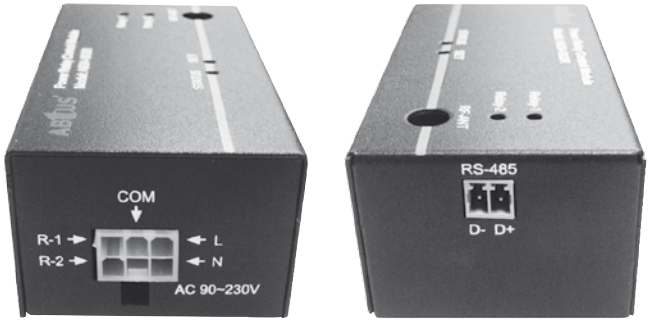
A934-002R-100

TWO RELAY POWER CONTROL

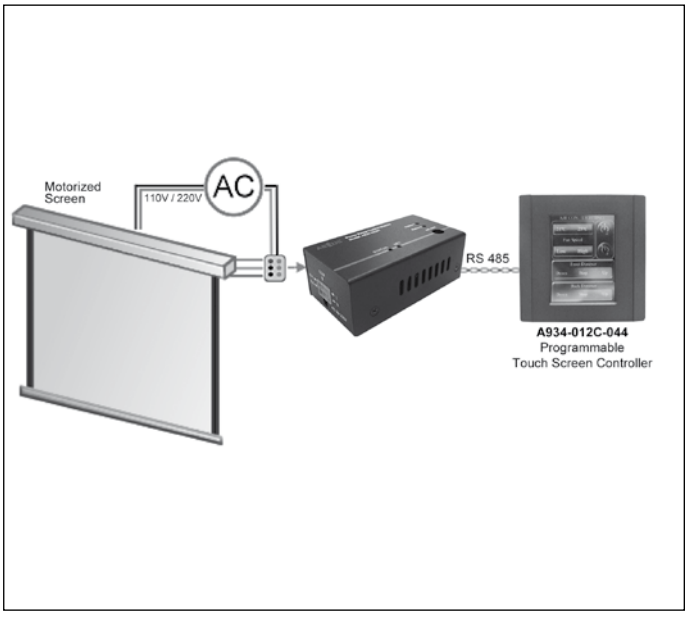


Applications:

The A934-002R-100 is two relay control module that is able to perform any electrical mains switch towards their loads. Having two realis it's suited for motorized screen control.

Features:

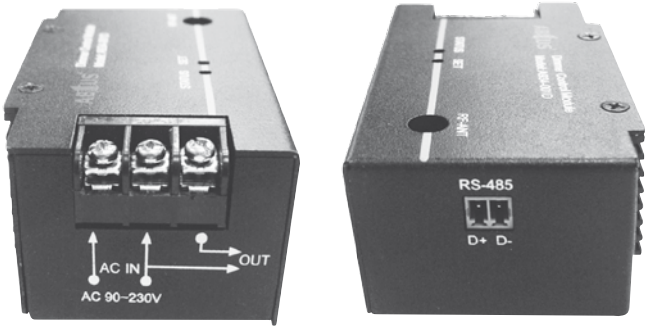
- Built-in an auto switching power supply 90-240 Vac.
- RS-485 communication protocol compatible with any central control.
- Built-in high sensitivity wireless modules, simplifying the complicated wiring project.
- Delay off feature.



TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-240 Vac
LED INDICATION	Status and Set LED
COMMUNICATION	RS485
NUMBER OF ID SETTING	32 ID
FUSES	Precision ceramic fuses
POWER RATING	400 Watt each contact
RELAY CURRENT RATING	Max 1.5A @ 230V each contact
DIMENSIONS	40 x 80 x 25 mm
WEIGHT	170g
ACCESSORIES	1 x 2 Pin terminal block

ACTION RS485

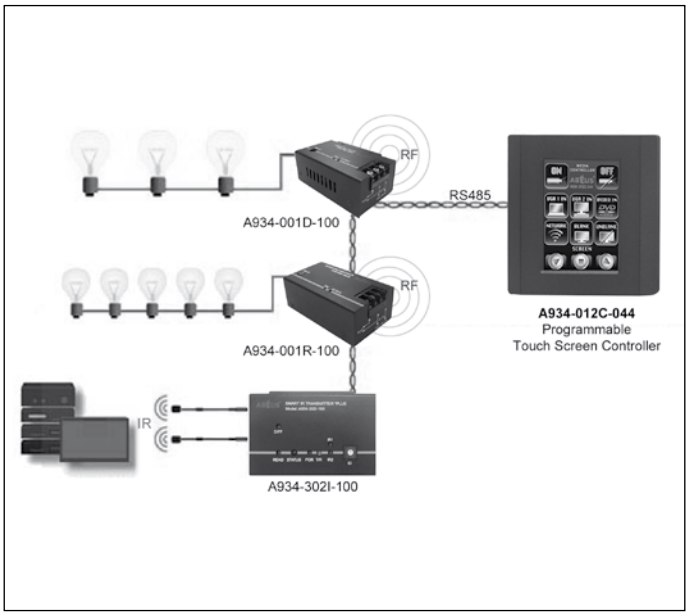


Applications:

The A934-001D-100 is a power dimmer control module to perform efficiently an all in rooms lighting control.

Features:

- Built-in an auto switching power supply 90-240 Vac.
- RS-485 communication protocol compatible with any central control.
- Built-in high sensitivity wireless modules, simplifying the complicated wiring project.
- Delay off feature from 0 to 2.500 sec.



TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-240 Vac
LED INDICATION	Status and Set LED
COMMUNICATION	RS485
NUMBER OF ID SETTING	32 ID
NUMBER OF DIMMING STEPS	256
FUSES	Precision ceramic fuses
POWER RATING	400 Watt each contact
CURRENT RATING	Max 1.5A @ 230V
DIMENSIONS	53 x 88 x 33.5 mm
WEIGHT	195g
ACCESSORIES	1 x 2 Pin terminal block

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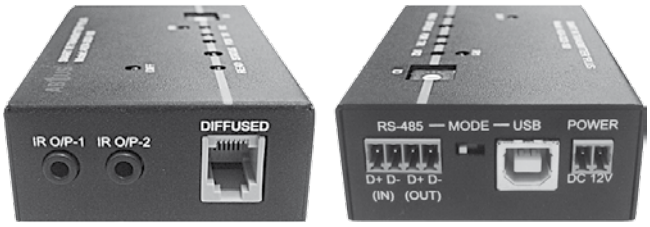
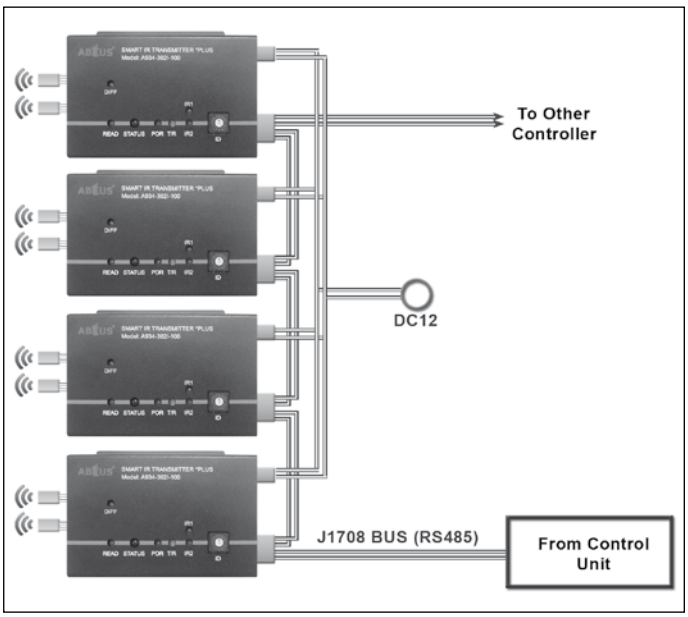
A934-302I-100 *IR TRANSMITTER UP TO 256 CODE IN MEMORY WITH LEARNING*



Applications:

Apart from its powerful infrared learning function, the A934-302I-100 IR transmitter also has a large memory capacity and a special circuit design that makes IR carrier recognition possible.
It has two independent infrared output designs with improved hardware programming allowing to control two of the same equipments independently, with more flexibility. With the A934-302I-100 it is possible to eliminate all equipment infrared remote controllers. It can also act as a centralized automated control system.



Features:

- SMART Transmitter with IR Learning.
- Ability to learn all kinds of infrared code and also simultaneously record its carrier frequency.
- Large memory: Records up to 256 infrared codes in different formats.
- An independent group of infrared transmitters can be extended up to 100 m
- Software support clearly identifies and analyses the type of IR-code which can subsequently be stored or copied onto another A934-302I-100 or A934-332I-100

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	12V-DC, 350mA
LED INDICATION	Diffused, Read, Power, T/R, IR-1 and IR-2 LED indicator
COMMUNICATION	RS485 / USB Selectable
COM PORT	1 x RS485 Input
	1 x RS485 Output
	1 x USB type B
COMMUNICATION DISTANCE	100 m for RS485 only
I/O PORT	2 x IR 3.5mm mini jack
	1 x RJ11 (*Diffused out, Note 1)
MEMORY	256 infrared codes
NUMBER ID SETTING	16
DIMENSIONS	93 x 60 x 26 mm
WEIGHT	110g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 350mA
	2 x IR probe
	1 x 2 Pin terminal block
	1 x 4 Pin terminal block

Note 1: Specification are subject to changes without notice

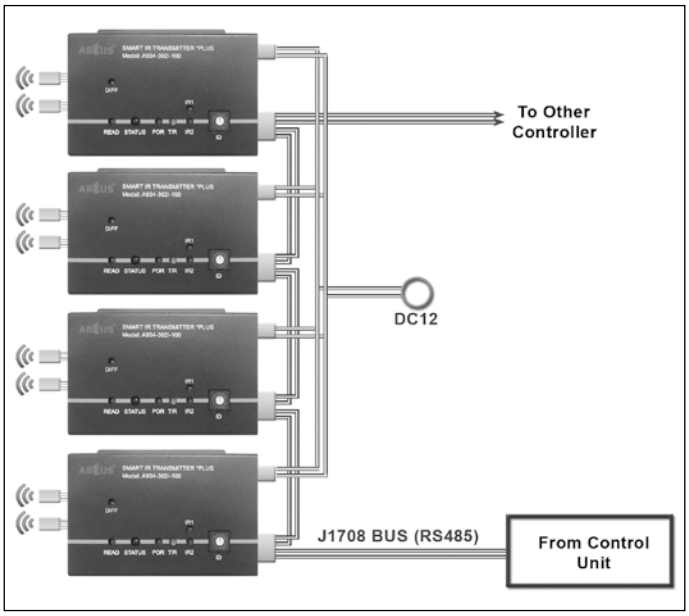
A934-332I-100 *IR TRANSMITTER UP TO 32 CODE IN MEMORY WITHOUT LEARNING*

Applications:

The A934-332I-100 has a 32 code memory capacity and a special circuit design that makes IR carrier recognition possible. It has a single infrared output designs with improved hardware programming allowing to control any equipments with more flexibility. With the A934-332I-100 it is possible to eliminate all equipment infrared remote controllers. It can also act as a centralized automated control system.

Features:

- SMART Transmitter without IR Learning.
- Large memory: Records up to 32 infrared codes in different formats.
- An independent group of infrared transmitters can be extended up to 100 m.
- Software support clearly identifies and analyses the type of IR-code which can subsequently be stored or copied onto another A934-302I-100 or A934-332I-100



TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	12V-DC, 350mA
LED INDICATION	Diffused, Read, Power, T/R, IR LED indicator
COMMUNICATION STANDARD	RS485 / RS-232 Selectable
COMMUNICATION DISTANCE	100 m for RS485 only
I/O PORT	1 x IR 3.5mm mini jack
MEMORY	32 infrared codes
NUMBER ID SETTING	16
DIMENSIONS	75 x 46 x 26 mm
WEIGHT	110g
ACCESSORIES	AC-DC Power Adaptor 12V-DC, 350mA 1 x IR probe 1 x 2 Pin terminal block 1 x 3 Pin terminal block

IR RS485

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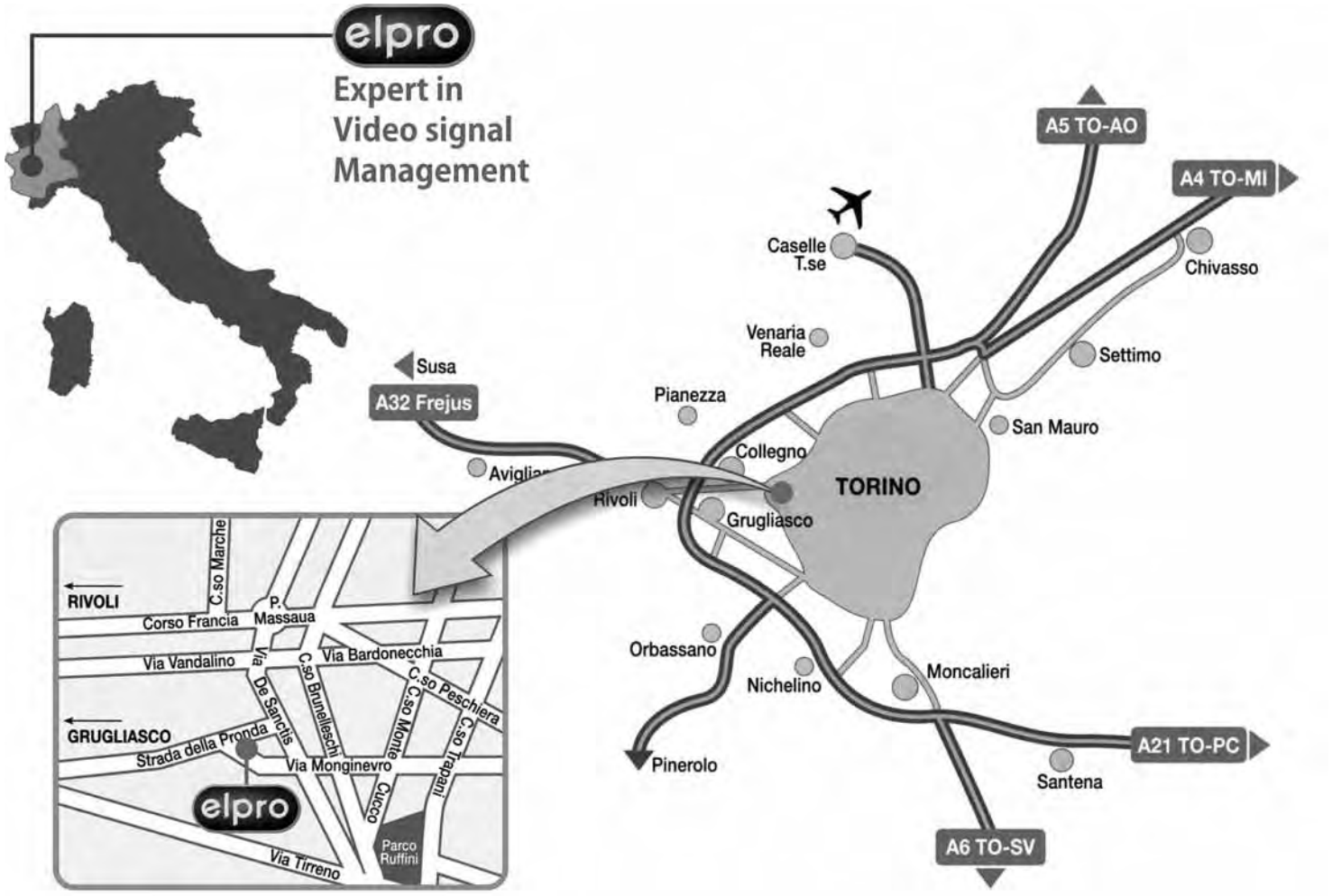
NOTES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